

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021624\  
 Data File : BN029829.D  
 Acq On : 16 Feb 2024 16:37  
 Operator : MA/JU  
 Sample : PB158918BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158918BS

Quant Time: Feb 16 23:56:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 23:52:05 2024  
 Response via : Initial Calibration

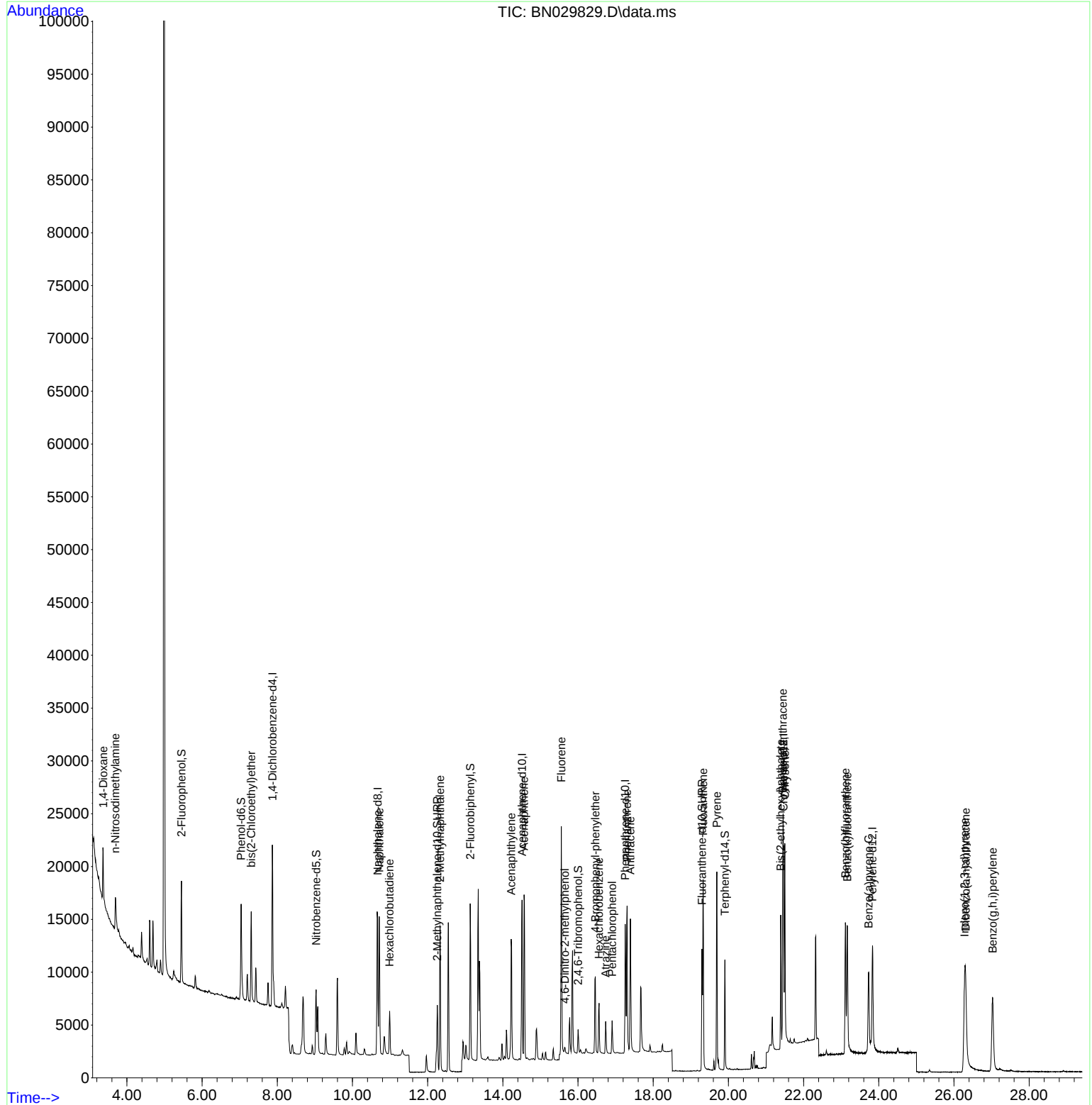
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.869  | 152  | 7401     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.669 | 136  | 19542    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.511 | 164  | 9141     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 17540    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.465 | 240  | 14707    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.832 | 264  | 15467    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.449  | 112  | 7585     | 0.427 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.038  | 99   | 8650     | 0.422 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.035  | 82   | 5687     | 0.350 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.257 | 152  | 11556    | 0.434 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 1282     | 0.437 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.132 | 172  | 12941    | 0.330 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.299 | 212  | 13422    | 0.316 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.907 | 244  | 10519    | 0.288 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.369  | 88   | 3162     | 0.303 | ng    | # 69     |
| 3) n-Nitrosodimethylamine     | 3.694  | 42   | 2578     | 0.304 | ng    | # 88     |
| 6) bis(2-Chloroethyl)ether    | 7.305  | 93   | 6490     | 0.332 | ng    | 96       |
| 9) Naphthalene                | 10.712 | 128  | 16816    | 0.302 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 3189     | 0.302 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.333 | 142  | 10039    | 0.307 | ng    | 99       |
| 16) Acenaphthylene            | 14.222 | 152  | 14112    | 0.325 | ng    | 100      |
| 17) Acenaphthene              | 14.564 | 154  | 8426     | 0.289 | ng    | 100      |
| 18) Fluorene                  | 15.555 | 166  | 10348    | 0.283 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.654 | 198  | 483      | 0.187 | ng    | # 75     |
| 21) 4-Bromophenyl-phenylether | 16.461 | 248  | 3204     | 0.307 | ng    | # 74     |
| 22) Hexachlorobenzene         | 16.560 | 284  | 3673     | 0.287 | ng    | 97       |
| 23) Atrazine                  | 16.734 | 200  | 2341     | 0.315 | ng    | 97       |
| 24) Pentachlorophenol         | 16.908 | 266  | 1550     | 0.382 | ng    | 97       |
| 25) Phenanthrene              | 17.305 | 178  | 15981    | 0.308 | ng    | 99       |
| 26) Anthracene                | 17.392 | 178  | 13844    | 0.313 | ng    | 100      |
| 28) Fluoranthene              | 19.327 | 202  | 16853    | 0.289 | ng    | 98       |
| 30) Pyrene                    | 19.694 | 202  | 17897    | 0.264 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.447 | 228  | 15194    | 0.302 | ng    | 99       |
| 33) Chrysene                  | 21.501 | 228  | 16442    | 0.288 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.393 | 149  | 8644     | 0.252 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.279 | 276  | 18436    | 0.296 | ng    | 93       |
| 37) Benzo(b)fluoranthene      | 23.113 | 252  | 16749    | 0.303 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.163 | 252  | 16787    | 0.290 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.730 | 252  | 14388    | 0.298 | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 26.311 | 278  | 14655    | 0.296 | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 27.031 | 276  | 16733    | 0.278 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

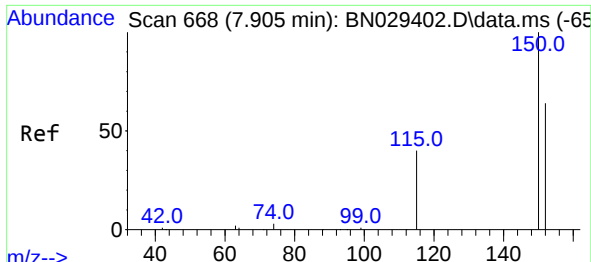
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021624\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 16 23:52:05 2024  
Response via : Initial Calibration

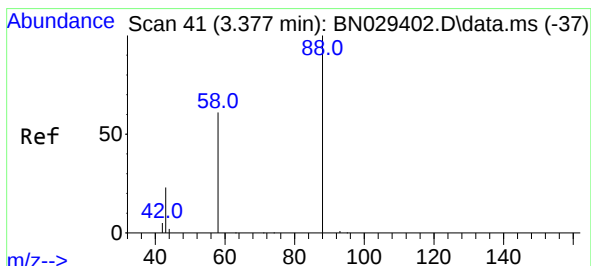
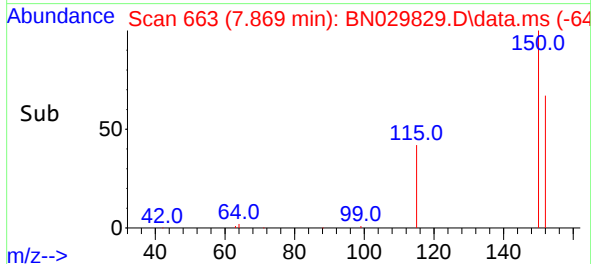
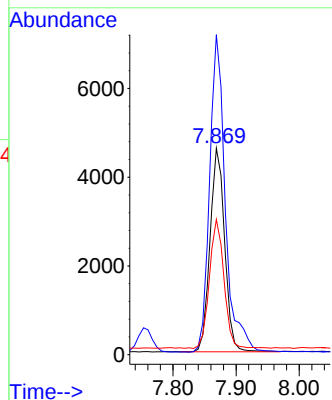
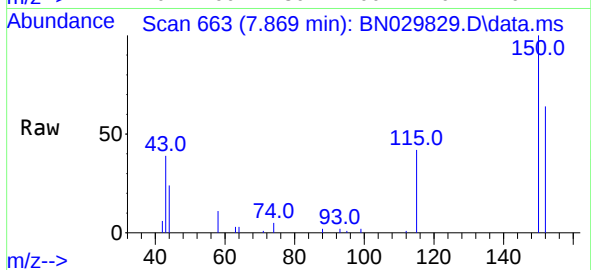




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.869 min Scan# 6  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

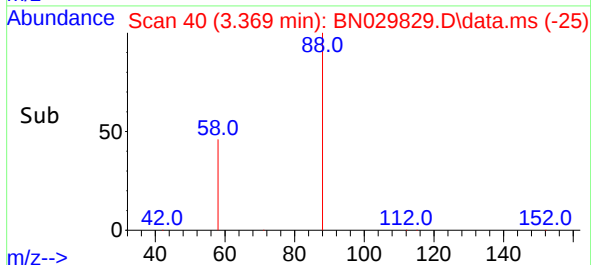
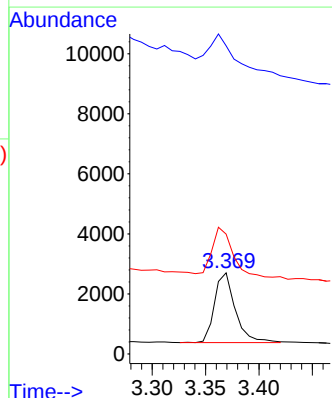
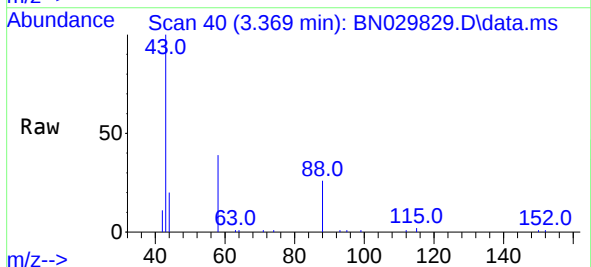
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

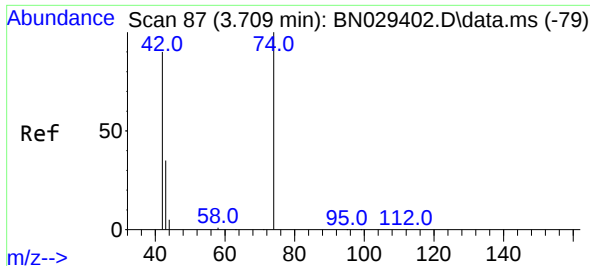
Tgt Ion:152 Resp: 7401  
Ion Ratio Lower Upper  
152 100  
150 155.1 123.0 184.4  
115 65.5 51.4 77.0



#2  
1,4-Dioxane  
Concen: 0.303 ng  
RT: 3.369 min Scan# 40  
Delta R.T. 0.007 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion: 88 Resp: 3162  
Ion Ratio Lower Upper  
88 100  
43 78.9 23.3 34.9#  
58 71.0 53.8 80.6

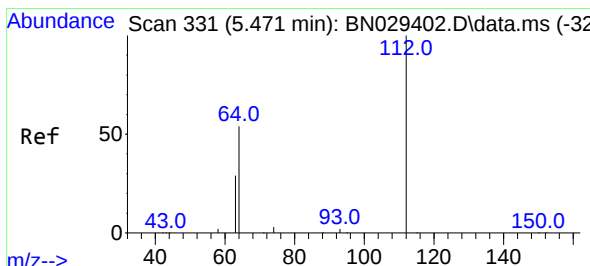
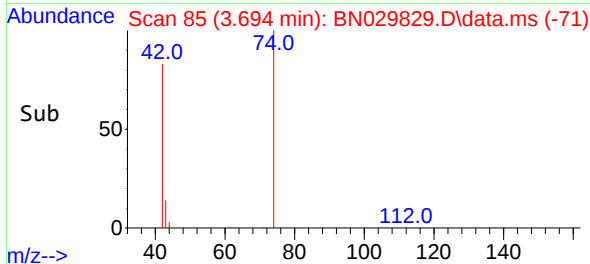
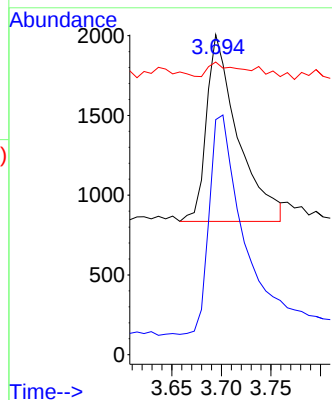
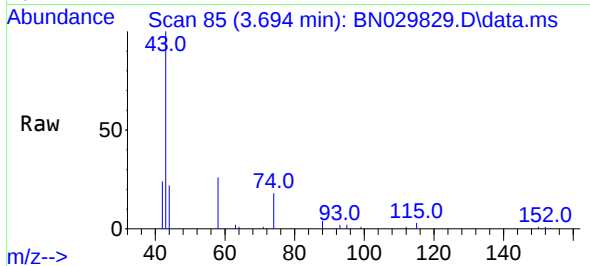




#3  
n-Nitrosodimethylamine  
Concen: 0.304 ng  
RT: 3.694 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

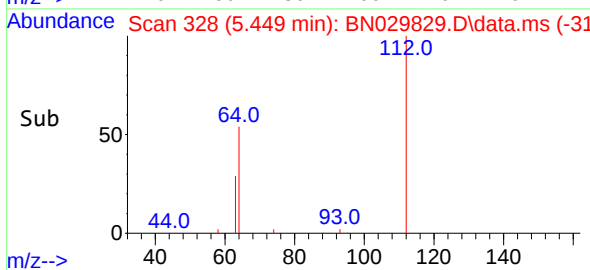
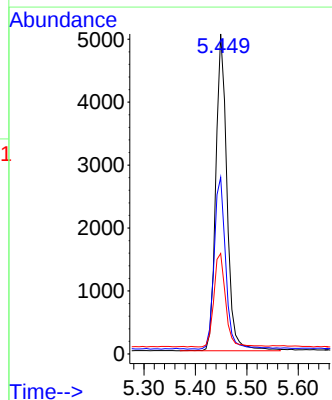
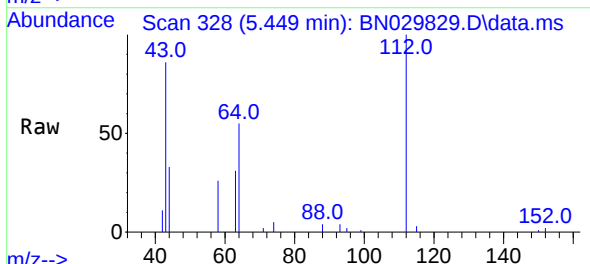
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

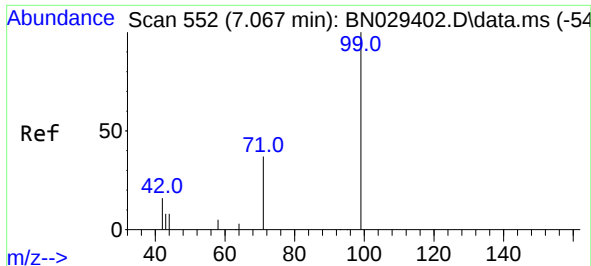
Tgt Ion: 42 Resp: 2578  
Ion Ratio Lower Upper  
42 100  
74 129.1 93.7 140.5  
44 9.0 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.427 ng  
RT: 5.449 min Scan# 328  
Delta R.T. 0.007 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion: 112 Resp: 7585  
Ion Ratio Lower Upper  
112 100  
64 55.8 47.2 70.8  
63 31.2 25.8 38.6

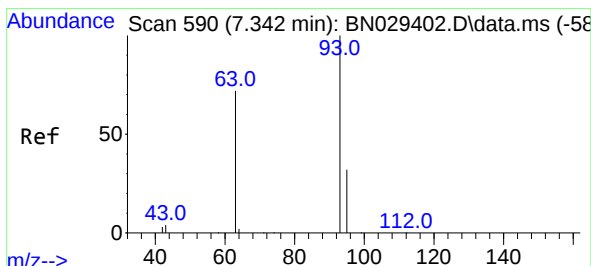
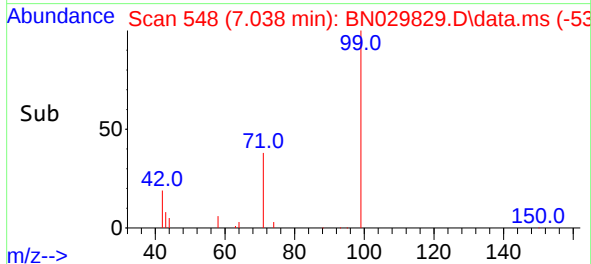
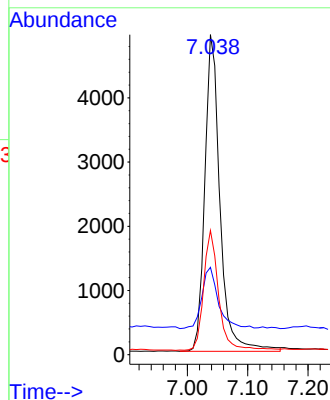
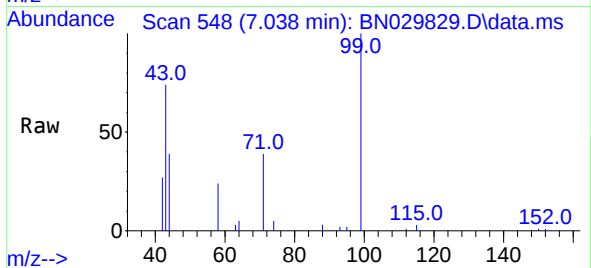




#5  
Phenol-d6  
Concen: 0.422 ng  
RT: 7.038 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

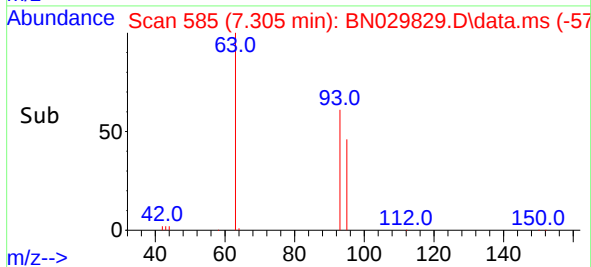
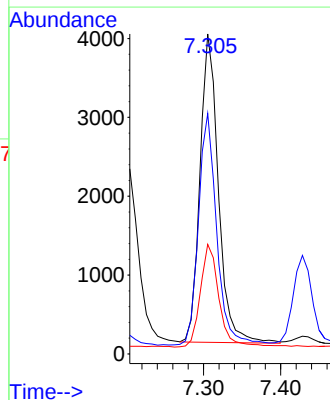
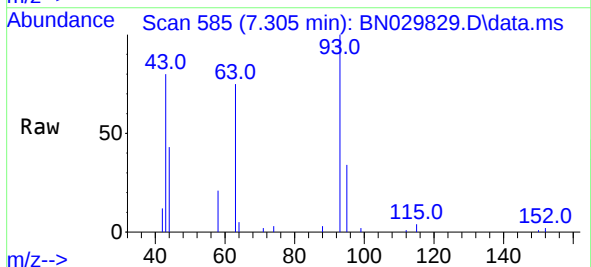
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

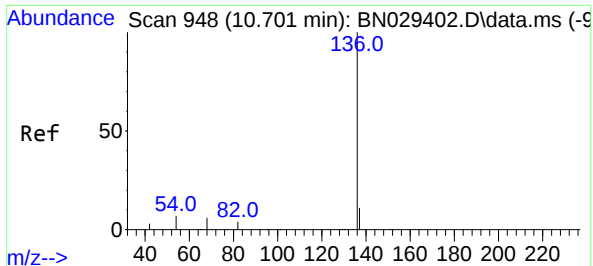
Tgt Ion: 99 Resp: 8650  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.9 25.3  
71 37.5 30.0 45.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.332 ng  
RT: 7.305 min Scan# 585  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion: 93 Resp: 6490  
Ion Ratio Lower Upper  
93 100  
63 74.6 63.1 94.7  
95 34.4 27.1 40.7

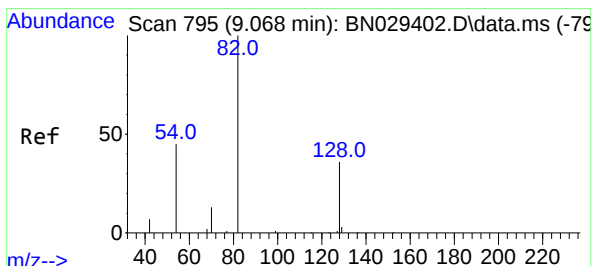
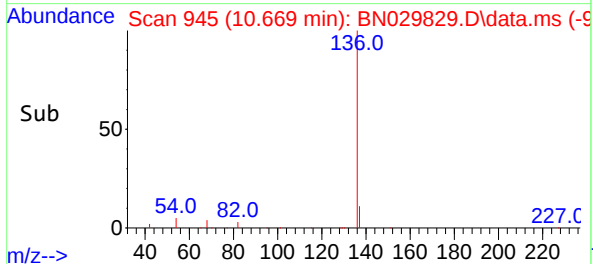
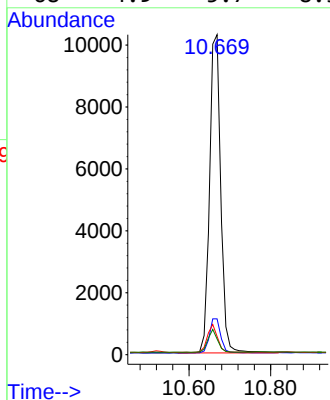
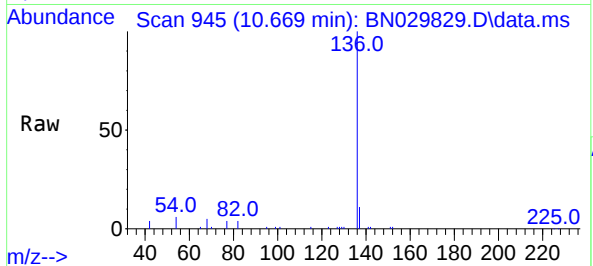




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.669 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

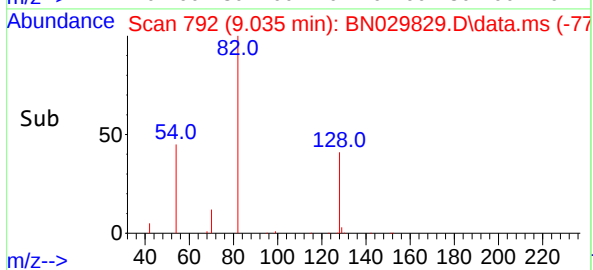
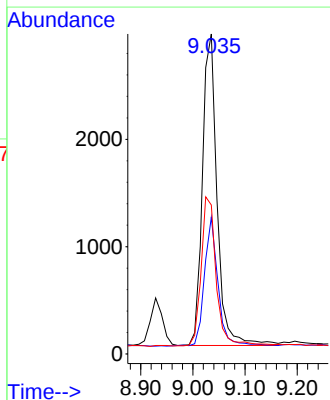
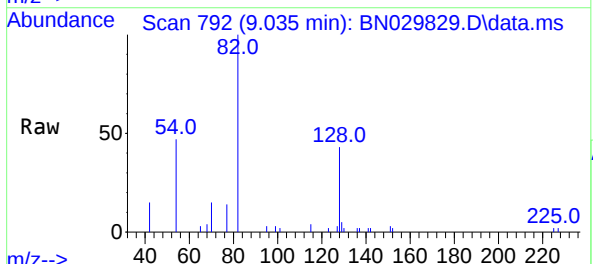
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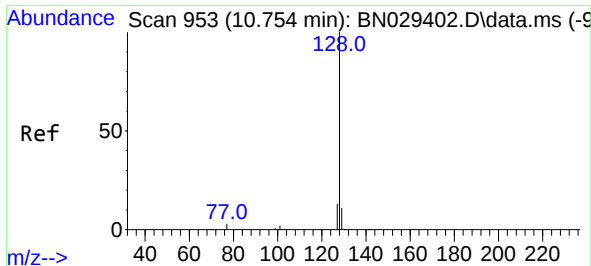
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 19542 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.7   | 14.5  |
| 54       | 5.7   | 6.6   | 10.0# |
| 68       | 4.9   | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.350 ng  
RT: 9.035 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5687  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.8  | 31.6  | 47.4  |
| 54       | 46.5  | 38.2  | 57.4  |

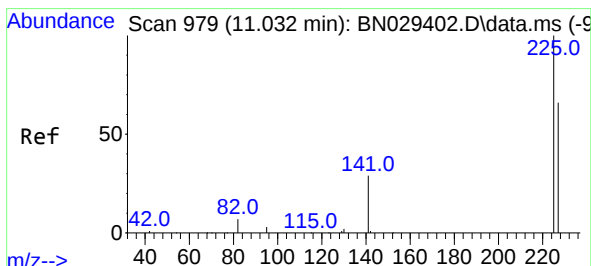
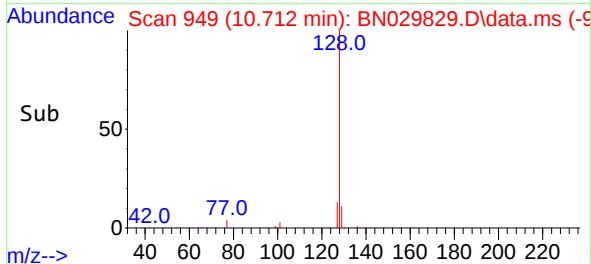
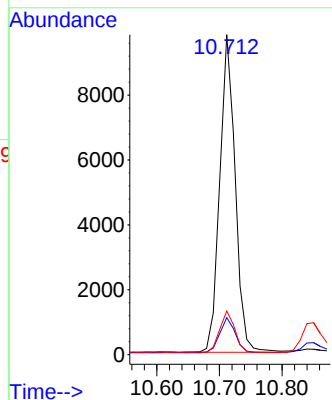
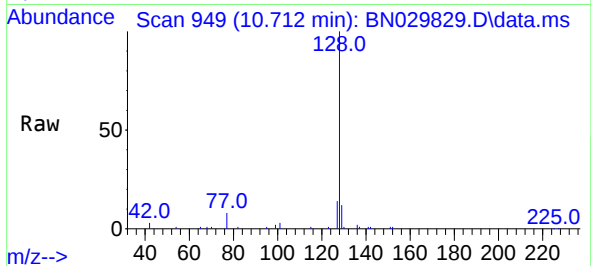




#9  
Naphthalene  
Concen: 0.302 ng  
RT: 10.712 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

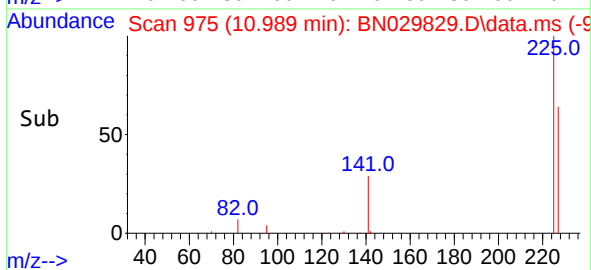
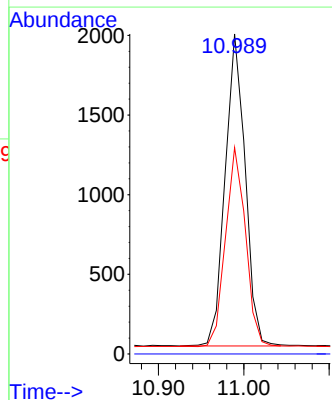
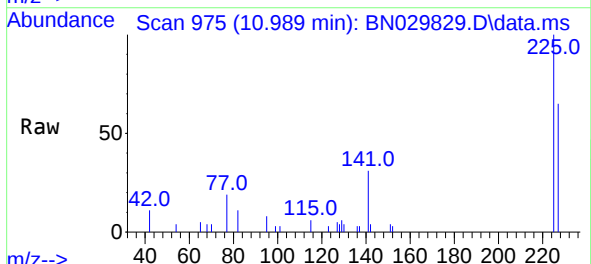
Instrument :  
BNA\_N  
ClientSampleId :  
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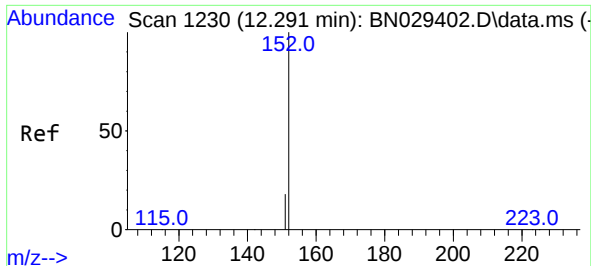
Tgt Ion:128 Resp: 16816  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.5 14.3  
127 13.6 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.302 ng  
RT: 10.989 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:225 Resp: 3189  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 12.257 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029829.D

Acq: 16 Feb 2024 16:37

Instrument :

BNA\_N

ClientSampleId :

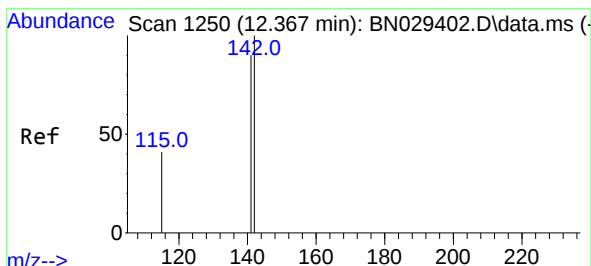
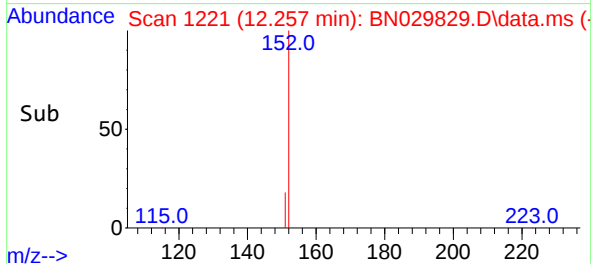
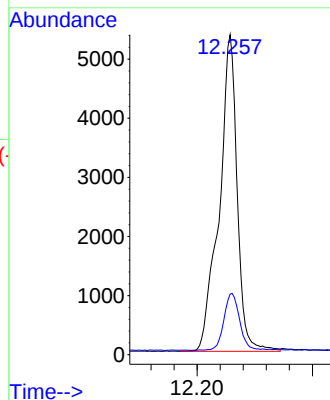
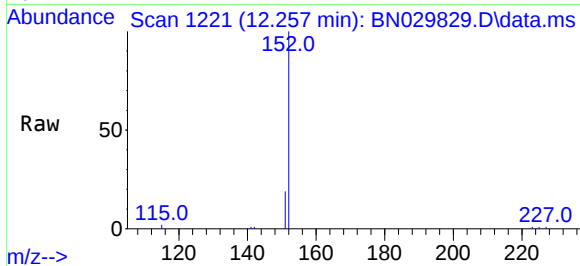
PB158918BS

Tgt Ion:152 Resp: 11556

Ion Ratio Lower Upper

152 100

151 16.0 17.1 25.7#



#12

2-Methylnaphthalene

Concen: 0.307 ng

RT: 12.333 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BN029829.D

Acq: 16 Feb 2024 16:37

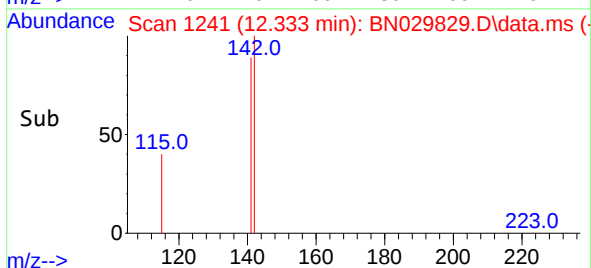
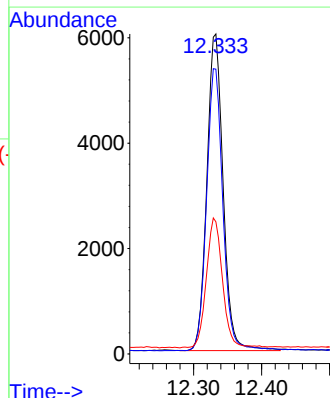
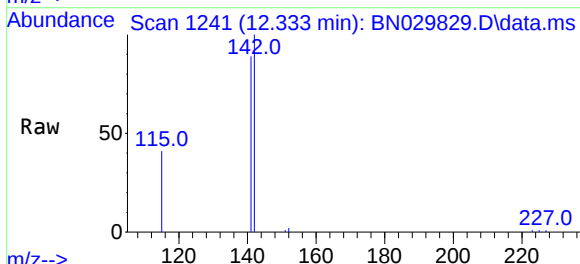
Tgt Ion:142 Resp: 10039

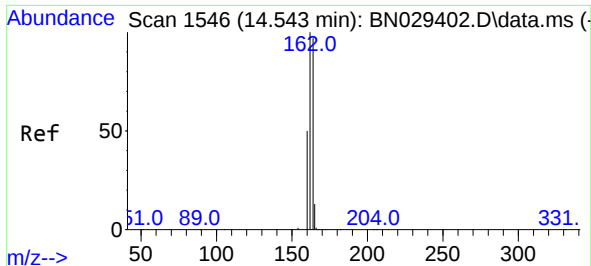
Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

115 41.3 33.9 50.9

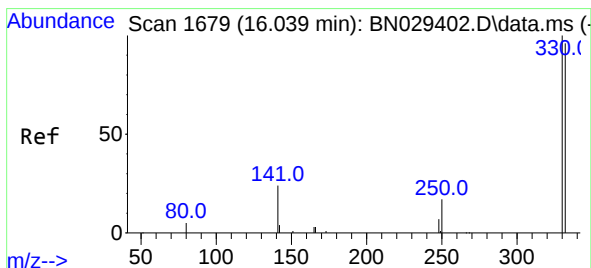
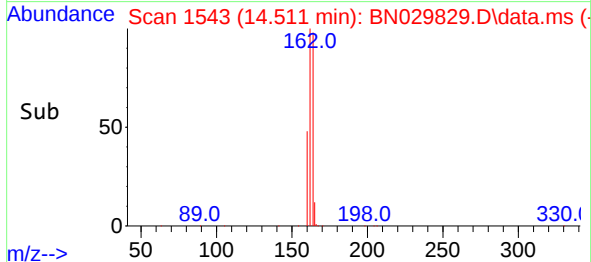
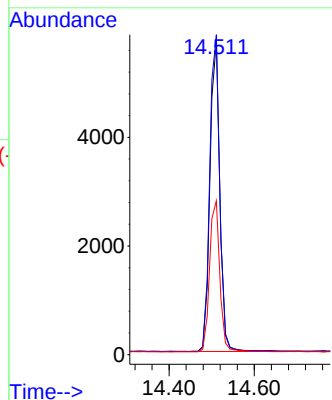
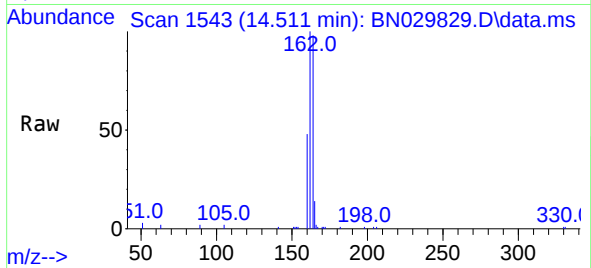




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.511 min Scan# 1543  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

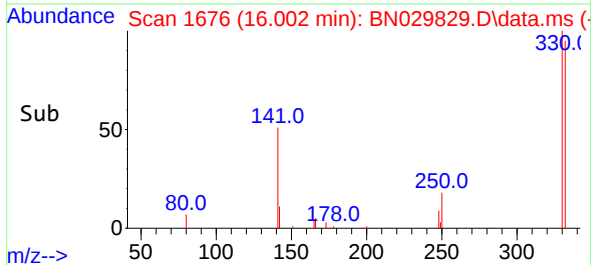
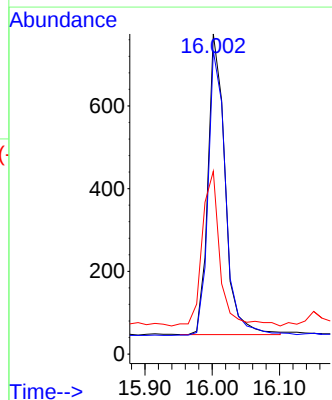
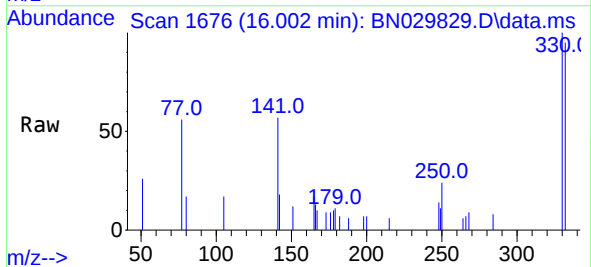
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

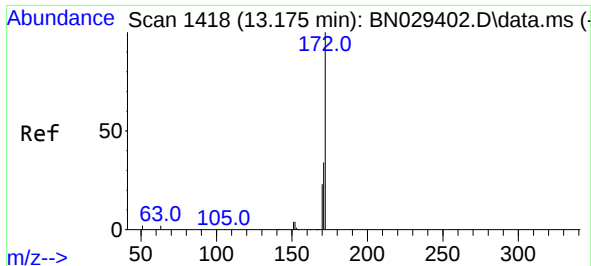
Tgt Ion:164 Resp: 9141  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.6 123.8  
160 49.1 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.437 ng  
RT: 16.002 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:330 Resp: 1282  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.0 114.0  
141 53.5 43.4 65.2

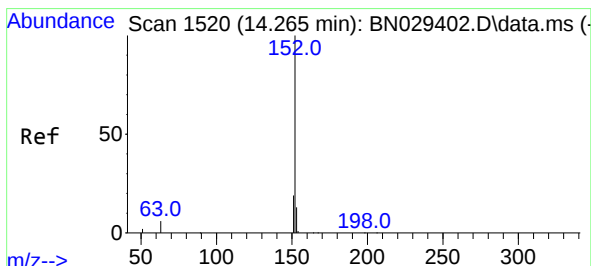
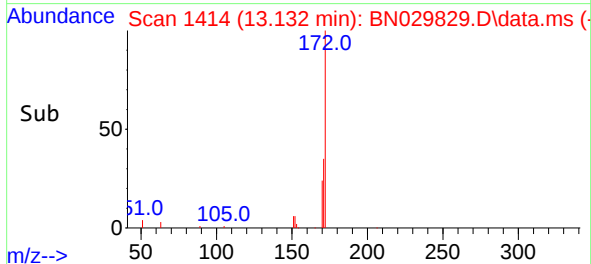
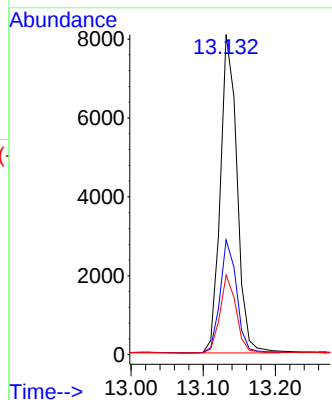
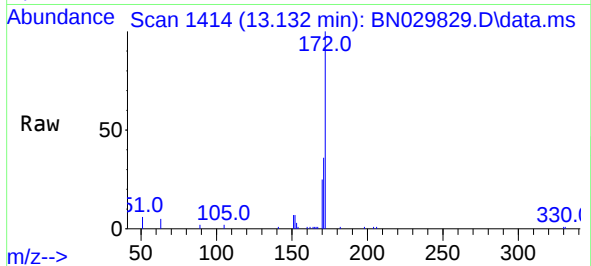




#15  
2-Fluorobiphenyl  
Concen: 0.330 ng  
RT: 13.132 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

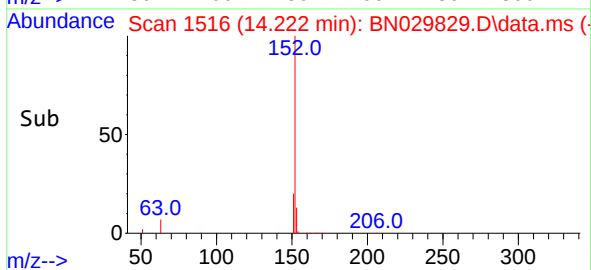
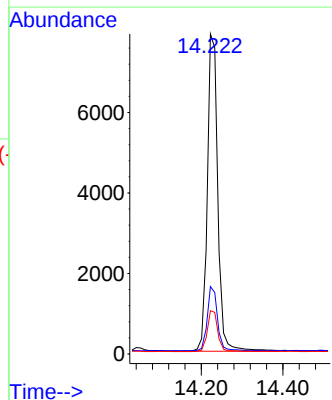
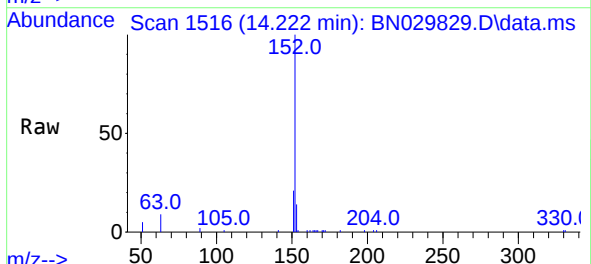
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

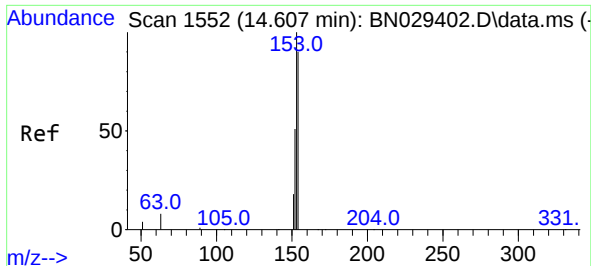
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 12941 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.9  | 28.0  | 42.0  |
| 170      | 24.9  | 18.7  | 28.1  |



#16  
Acenaphthylene  
Concen: 0.325 ng  
RT: 14.222 min Scan# 1516  
Delta R.T. -0.011 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 14112 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.9  | 15.9  | 23.9  |
| 153      | 12.9  | 10.5  | 15.7  |

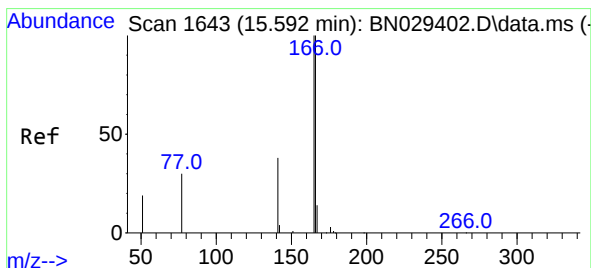
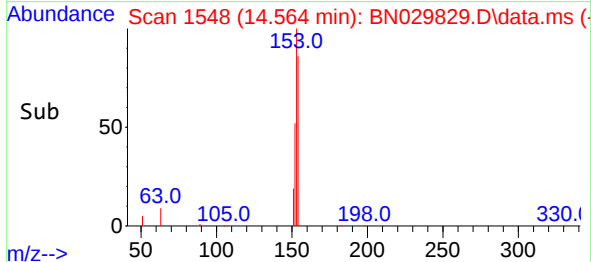
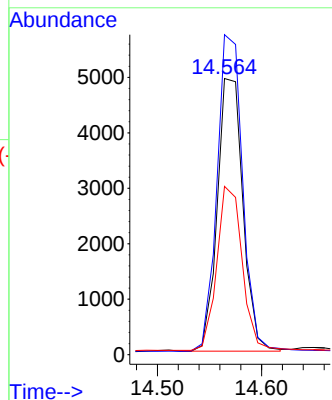
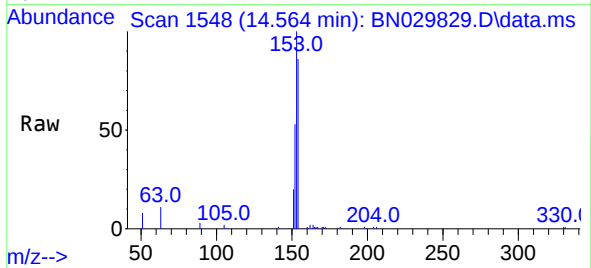




#17  
Acenaphthene  
Concen: 0.289 ng  
RT: 14.564 min Scan# 1548  
Delta R.T. -0.011 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

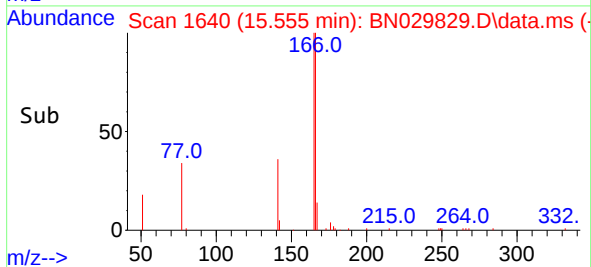
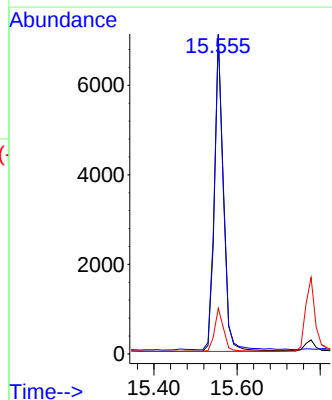
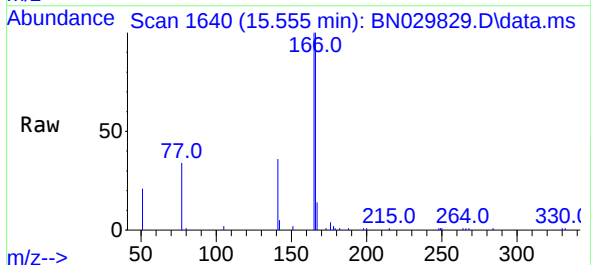
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

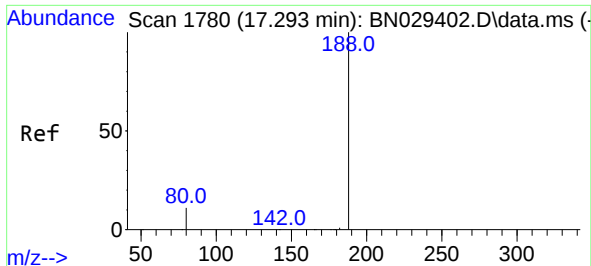
Tgt Ion:154 Resp: 8426  
Ion Ratio Lower Upper  
154 100  
153 117.0 93.6 140.4  
152 60.2 48.6 73.0



#18  
Fluorene  
Concen: 0.283 ng  
RT: 15.555 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:166 Resp: 10348  
Ion Ratio Lower Upper  
166 100  
165 102.1 79.9 119.9  
167 14.0 11.3 16.9

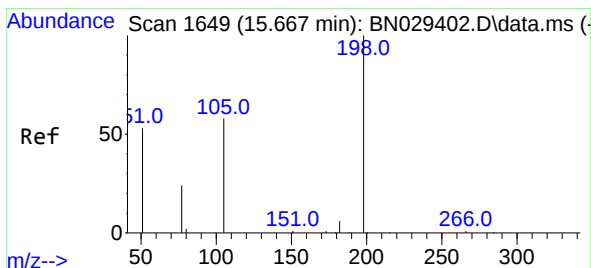
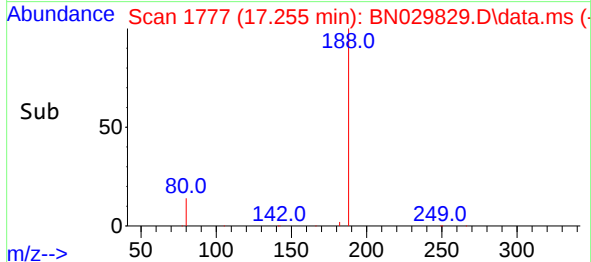
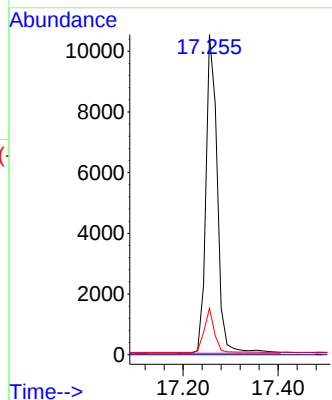
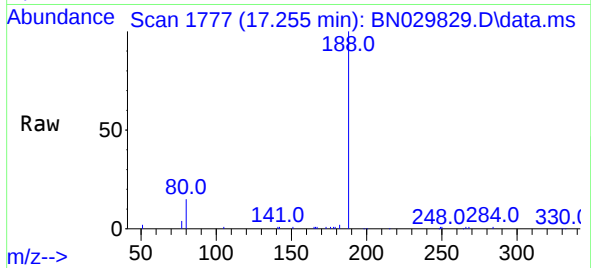




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.255 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

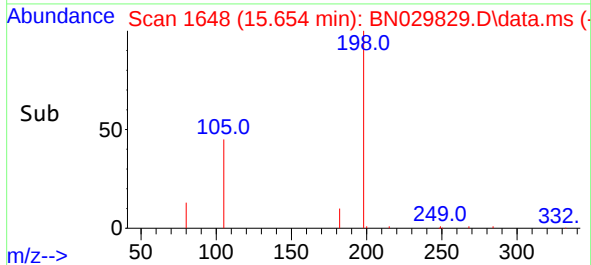
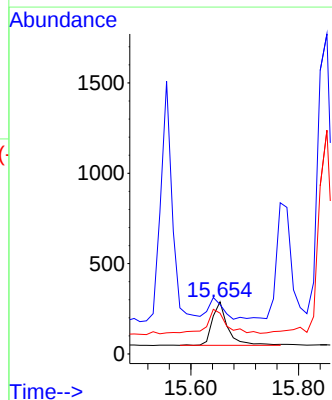
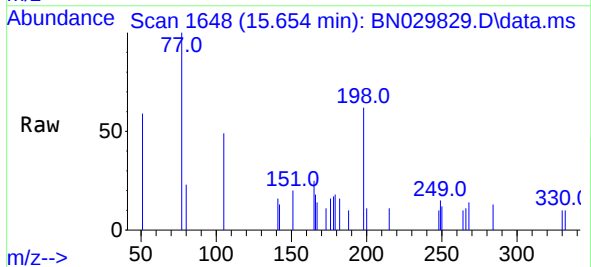
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

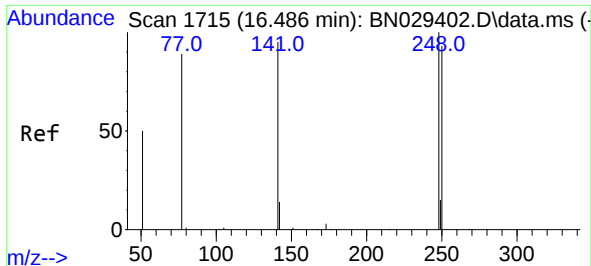
Tgt Ion:188 Resp: 17540  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 10.0 15.0



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.187 ng  
RT: 15.654 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:198 Resp: 483  
Ion Ratio Lower Upper  
198 100  
51 94.8 111.0 166.6#  
105 78.2 67.0 100.6

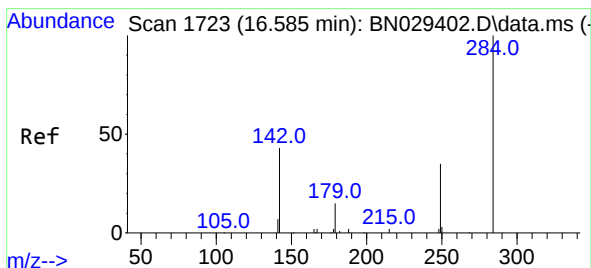
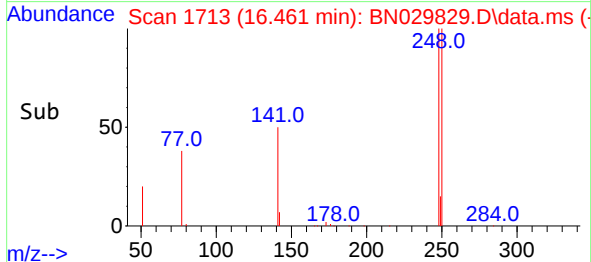
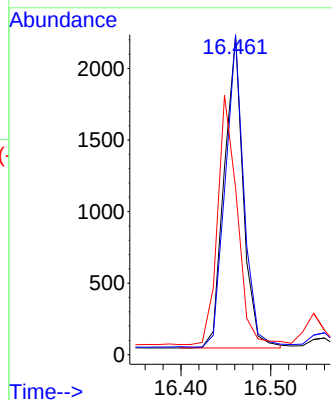
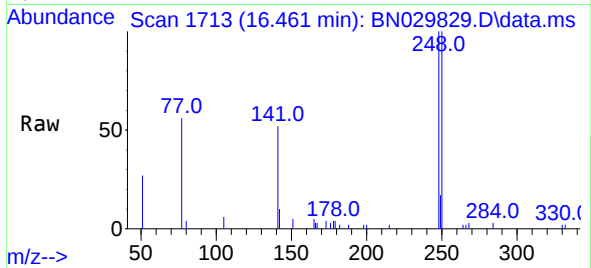




#21  
4-Bromophenyl-phenylether  
Concen: 0.307 ng  
RT: 16.461 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

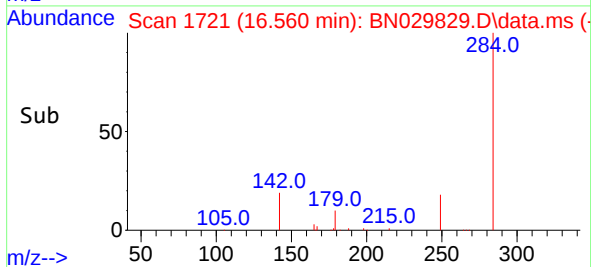
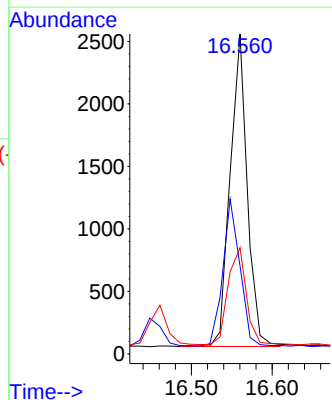
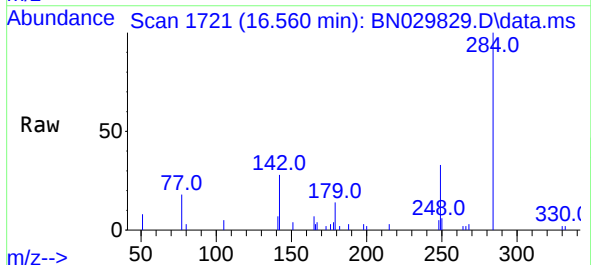
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

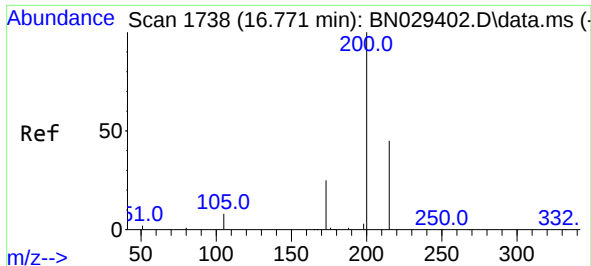
Tgt Ion:248 Resp: 3204  
Ion Ratio Lower Upper  
248 100  
250 100.5 75.0 112.4  
141 52.4 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.287 ng  
RT: 16.560 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:284 Resp: 3673  
Ion Ratio Lower Upper  
284 100  
142 46.8 39.4 59.2  
249 33.1 26.9 40.3

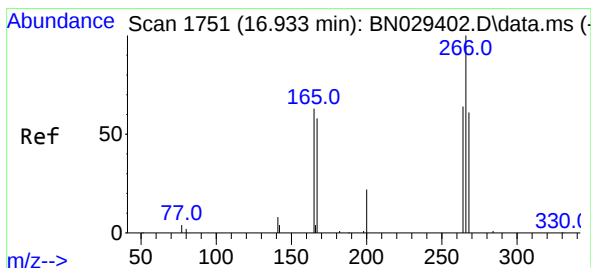
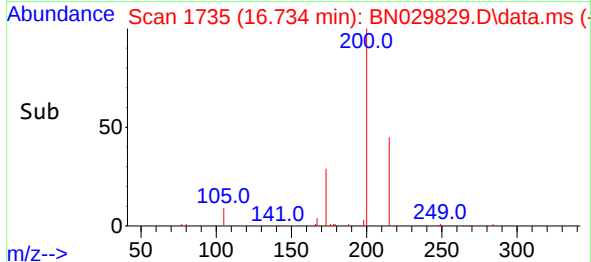
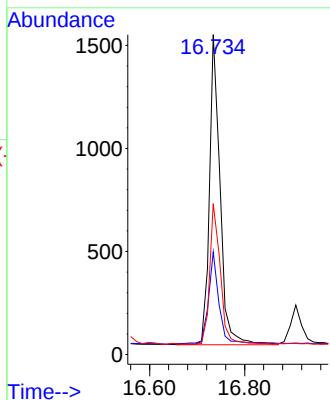
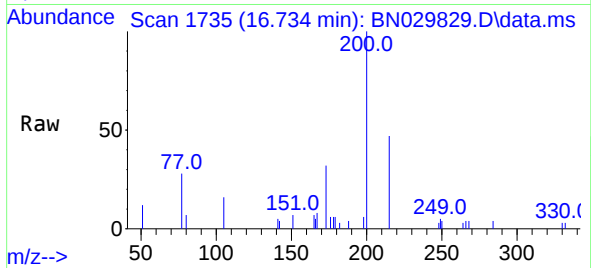




#23  
Atrazine  
Concen: 0.315 ng  
RT: 16.734 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

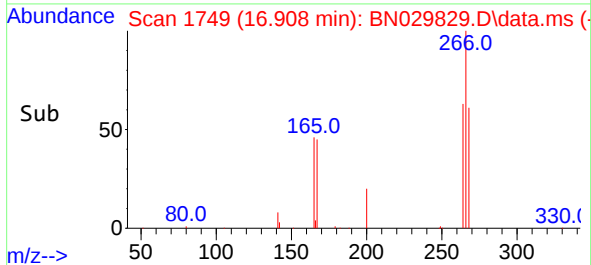
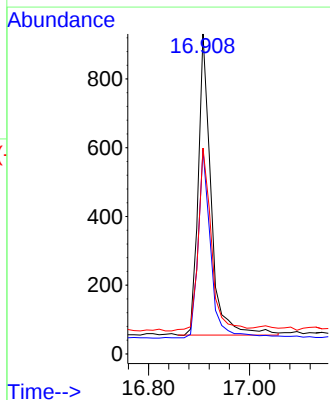
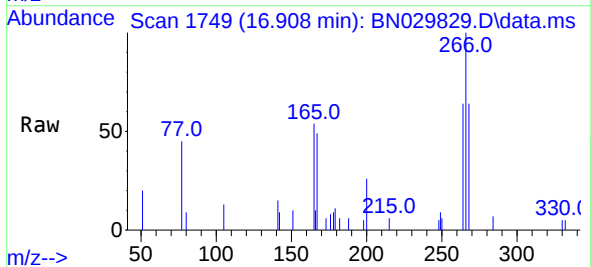
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BNA\_N  
ClientSampleId :  
PB158918BS

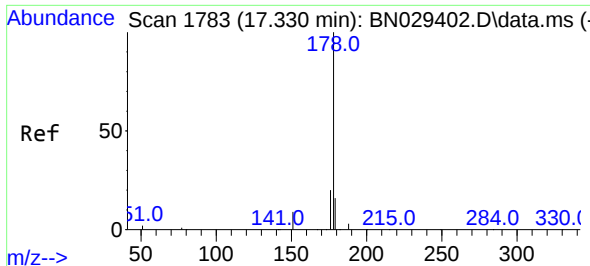
Tgt Ion:200 Resp: 2341  
Ion Ratio Lower Upper  
200 100  
173 32.1 23.4 35.0  
215 47.2 38.4 57.6



#24  
Pentachlorophenol  
Concen: 0.382 ng  
RT: 16.908 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:266 Resp: 1550  
Ion Ratio Lower Upper  
266 100  
264 61.2 50.8 76.2  
268 61.5 51.5 77.3

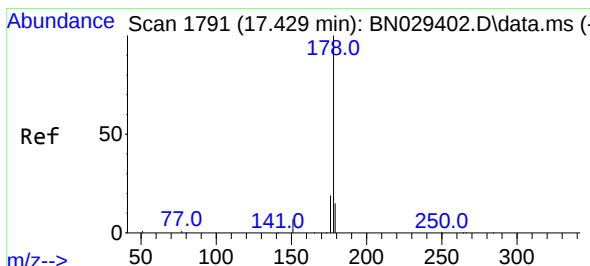
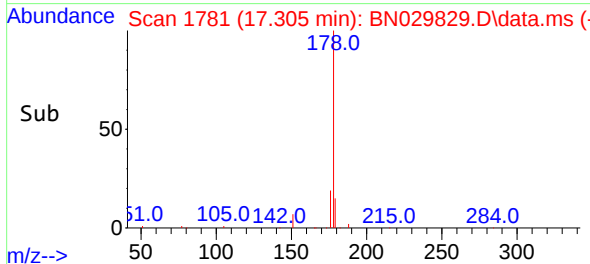
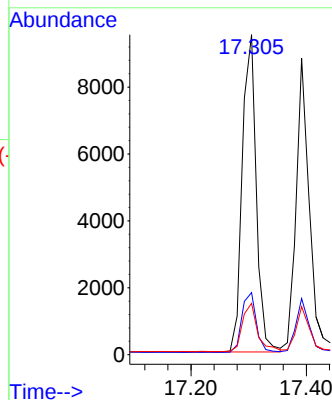
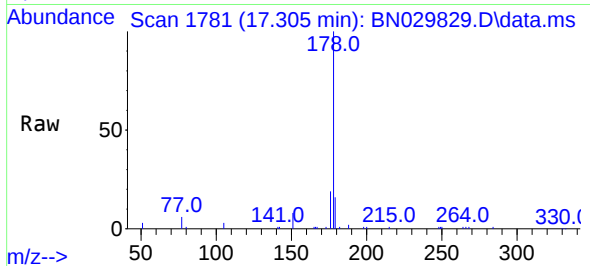




#25  
Phenanthrene  
Concen: 0.308 ng  
RT: 17.305 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

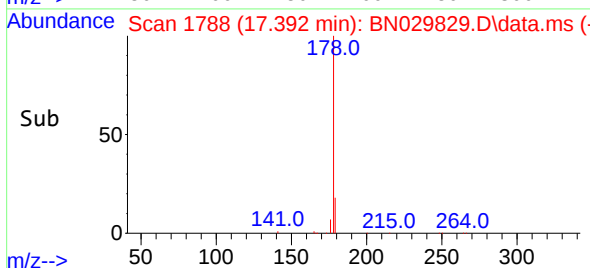
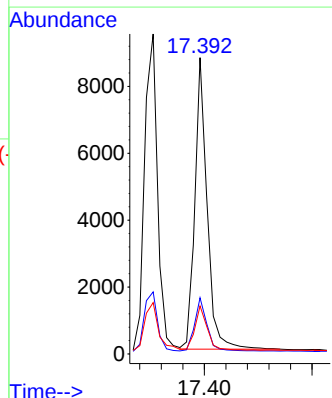
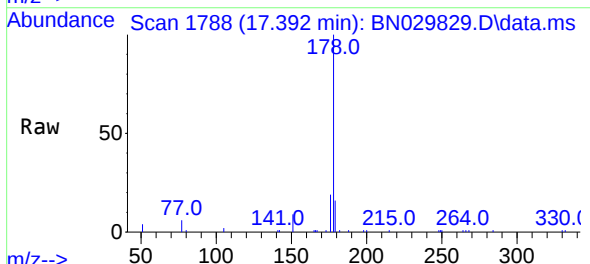
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

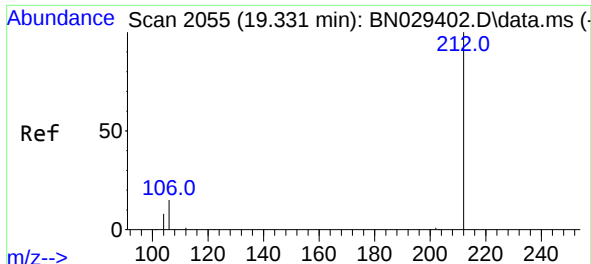
Tgt Ion:178 Resp: 15981  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.8 23.6  
179 16.4 12.6 19.0



#26  
Anthracene  
Concen: 0.313 ng  
RT: 17.392 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:178 Resp: 13844  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.4  
179 15.4 12.3 18.5

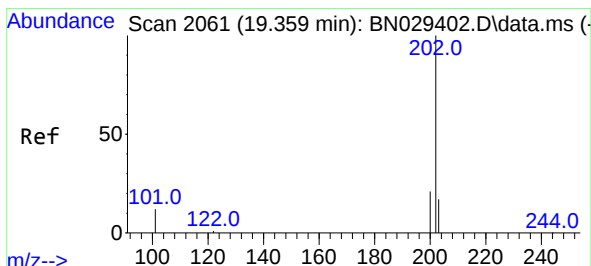
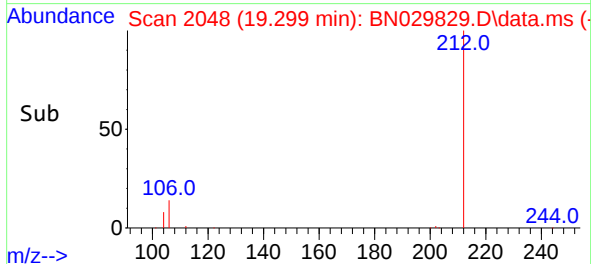
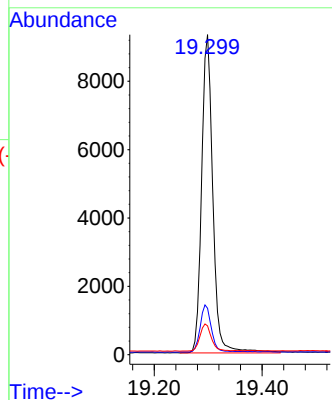
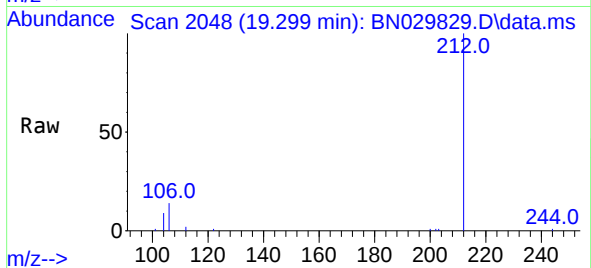




#27  
Fluoranthene-d10  
Concen: 0.316 ng  
RT: 19.299 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

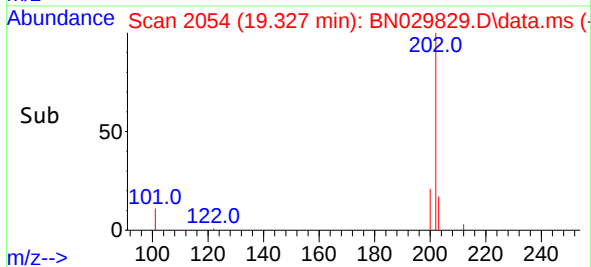
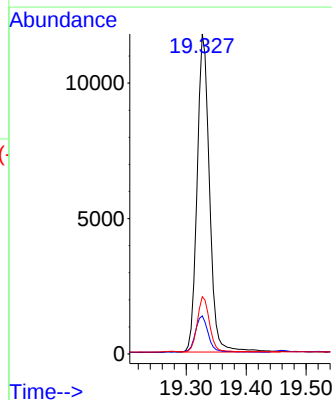
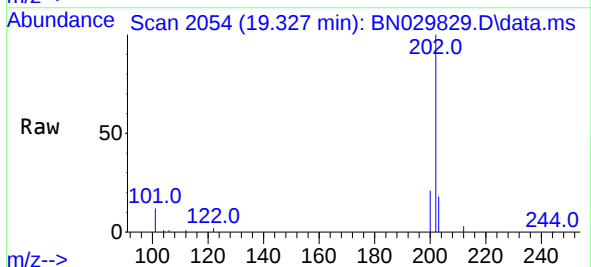
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

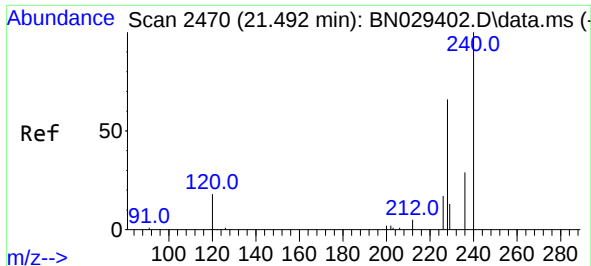
Tgt Ion:212 Resp: 13422  
Ion Ratio Lower Upper  
212 100  
106 14.6 13.2 19.8  
104 8.8 7.7 11.5



#28  
Fluoranthene  
Concen: 0.289 ng  
RT: 19.327 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:202 Resp: 16853  
Ion Ratio Lower Upper  
202 100  
101 11.5 10.5 15.7  
203 16.8 13.5 20.3

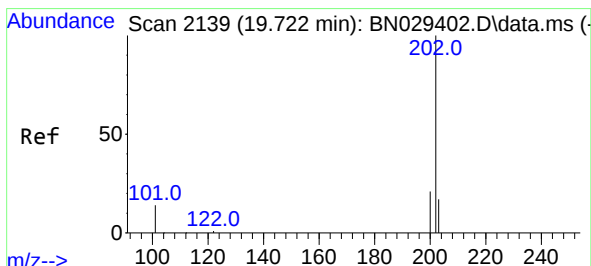
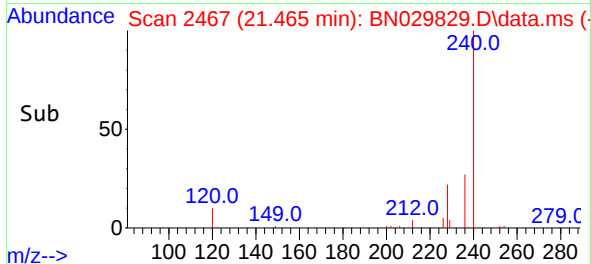
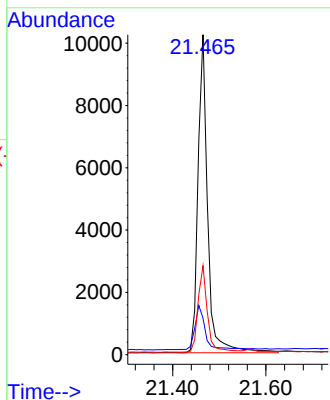
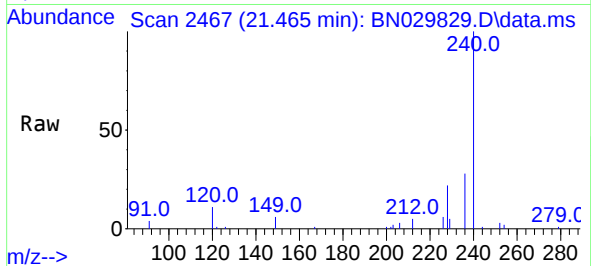




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.465 min Scan# 2467  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

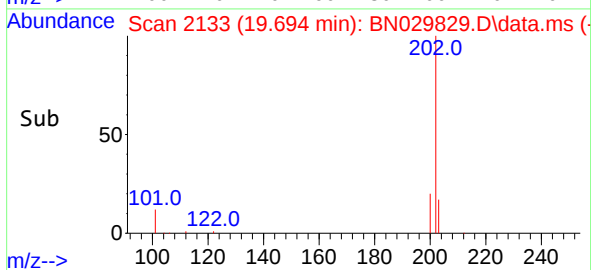
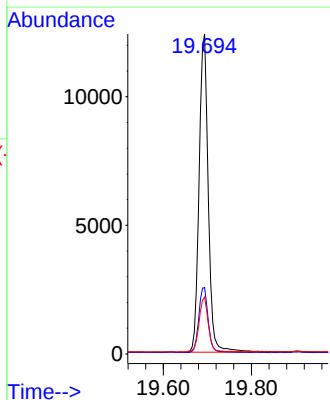
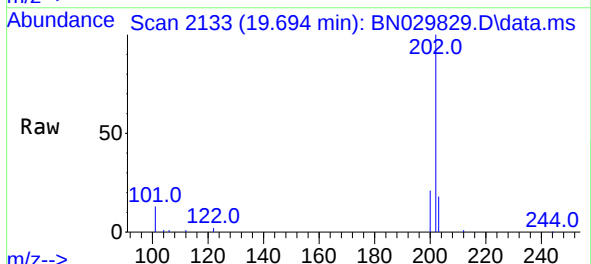
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

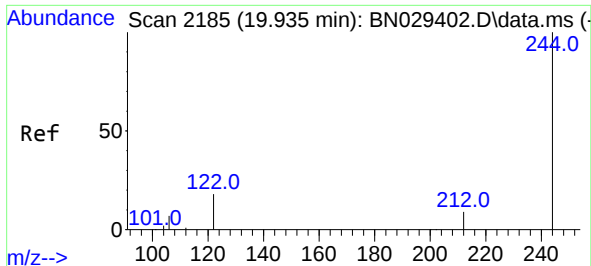
Tgt Ion:240 Resp: 14707  
Ion Ratio Lower Upper  
240 100  
120 11.4 16.7 25.1#  
236 27.8 23.9 35.9



#30  
Pyrene  
Concen: 0.264 ng  
RT: 19.694 min Scan# 2133  
Delta R.T. 0.005 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:202 Resp: 17897  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 17.5 14.2 21.4

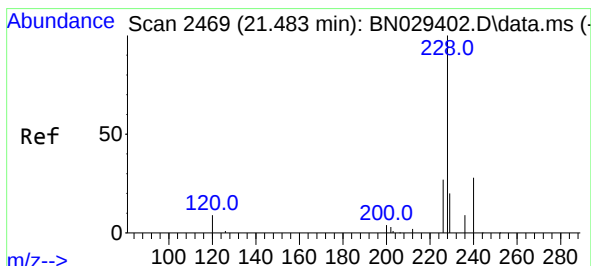
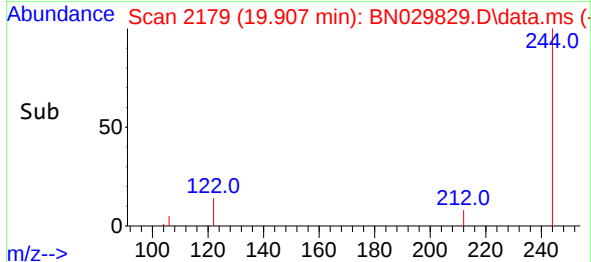
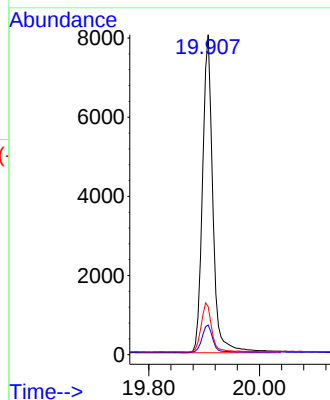
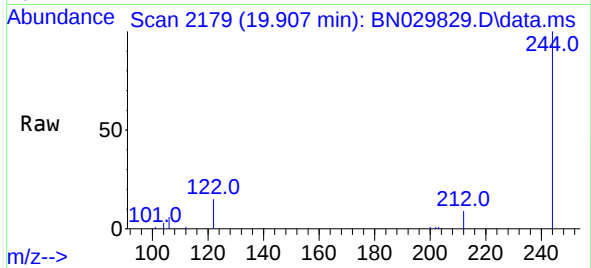




#31  
Terphenyl-d14  
Concen: 0.288 ng  
RT: 19.907 min Scan# 2185  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

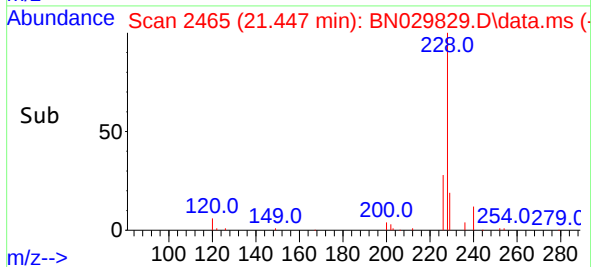
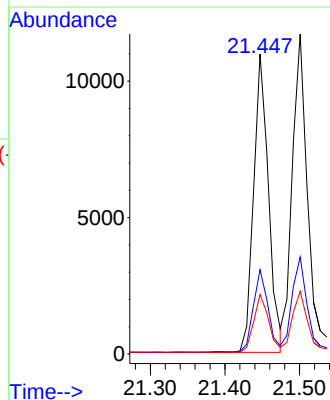
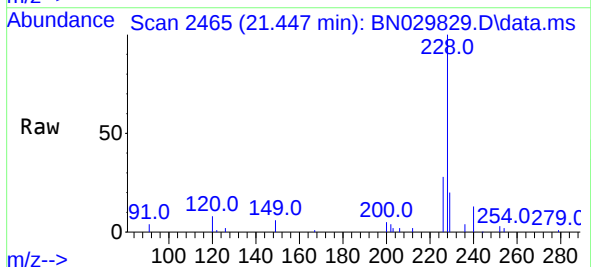
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

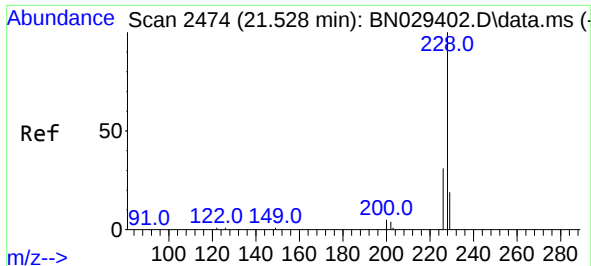
Tgt Ion:244 Resp: 10519  
Ion Ratio Lower Upper  
244 100  
212 9.3 8.2 12.4  
122 15.0 15.6 23.4#



#32  
Benzo(a)anthracene  
Concen: 0.302 ng  
RT: 21.447 min Scan# 2465  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:228 Resp: 15194  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.2 33.4  
229 19.8 16.5 24.7

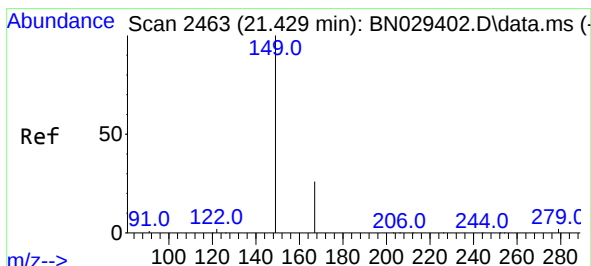
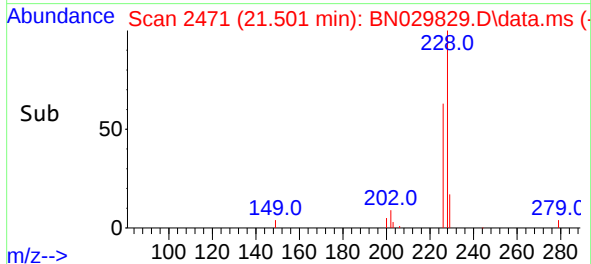
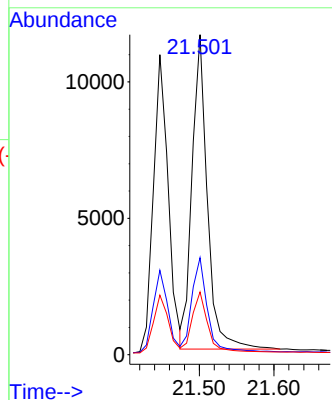
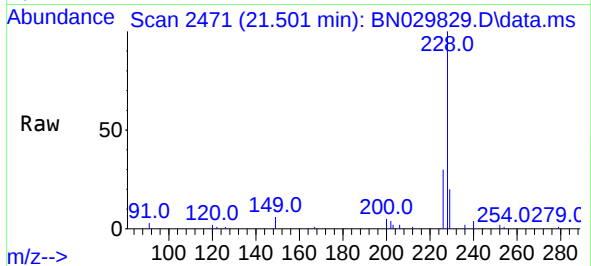




#33  
Chrysene  
Concen: 0.288 ng  
RT: 21.501 min Scan# 2471  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

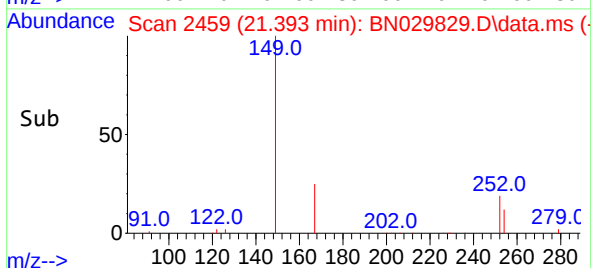
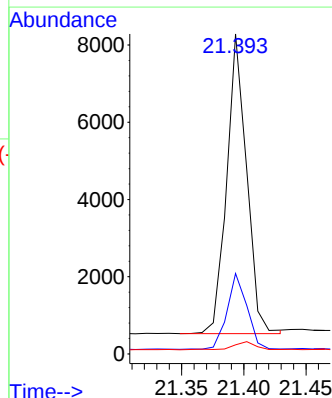
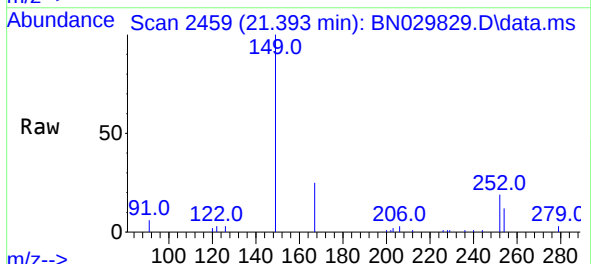
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

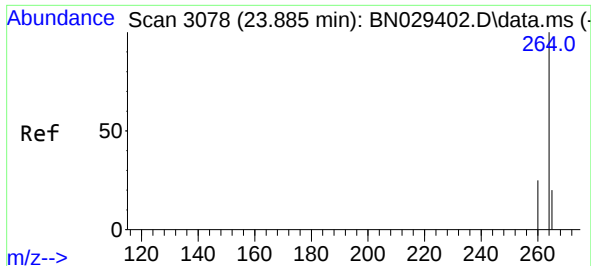
Tgt Ion:228 Resp: 16442  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.9 37.3  
229 19.6 15.9 23.9



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.252 ng  
RT: 21.393 min Scan# 2459  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

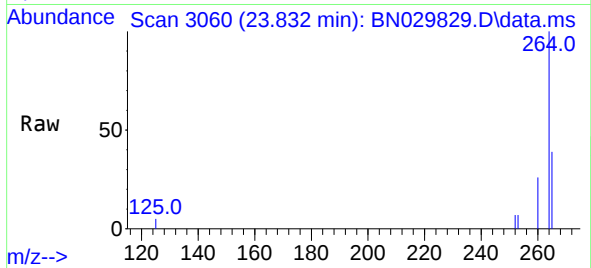
Tgt Ion:149 Resp: 8644  
Ion Ratio Lower Upper  
149 100  
167 25.2 20.1 30.1  
279 2.8 2.5 3.7



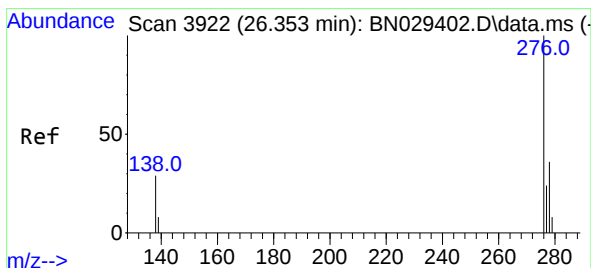
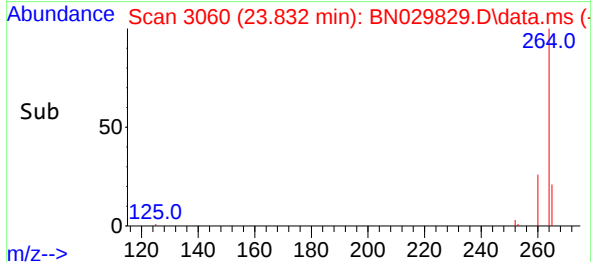
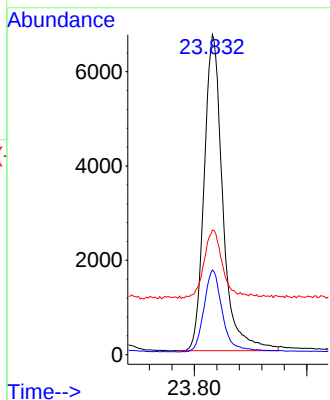


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.832 min Scan# 3060  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

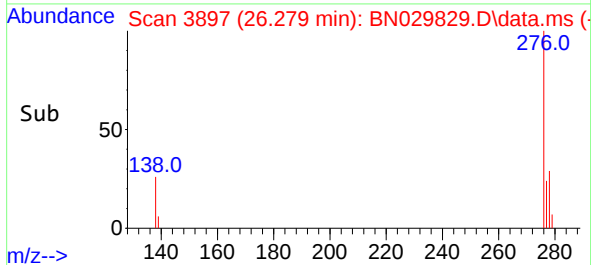
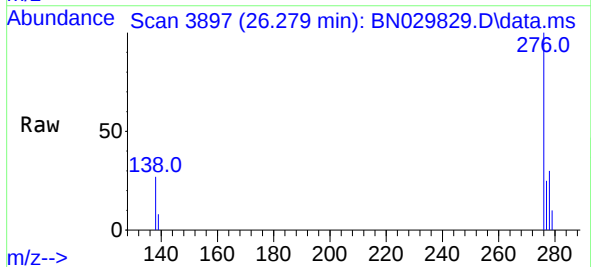
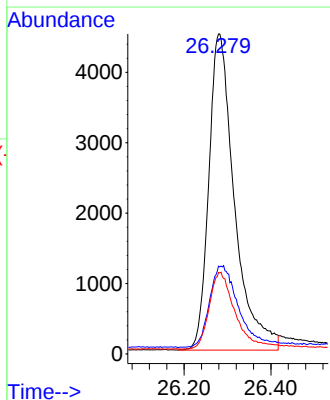


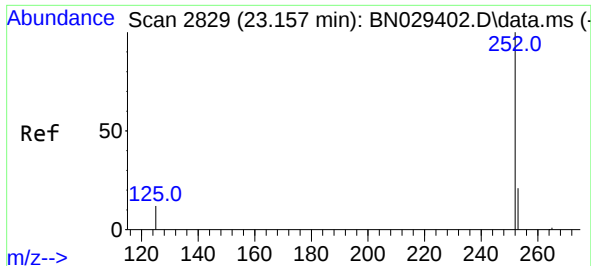
Tgt Ion:264 Resp: 15467  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.2 31.8  
265 38.9 41.5 62.3#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.296 ng  
RT: 26.279 min Scan# 3897  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

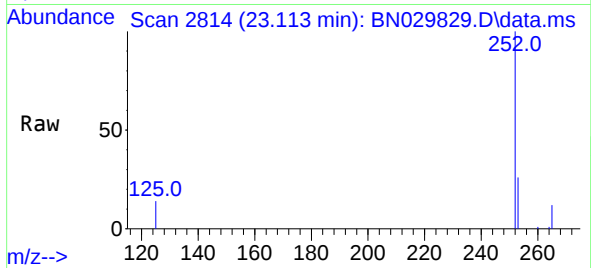
Tgt Ion:276 Resp: 18436  
Ion Ratio Lower Upper  
276 100  
138 28.9 20.5 30.7  
277 24.7 17.0 25.4



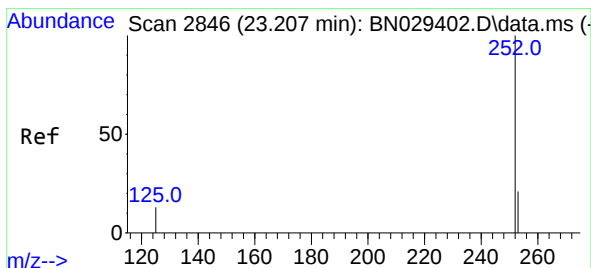
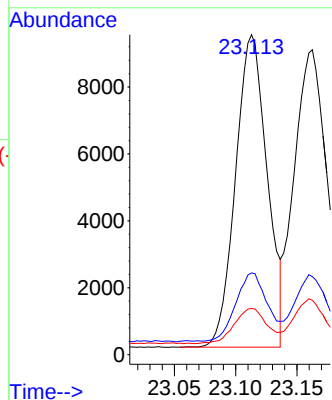


#37  
Benzo(b)fluoranthene  
Concen: 0.303 ng  
RT: 23.113 min Scan# 2814  
Delta R.T. 0.003 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

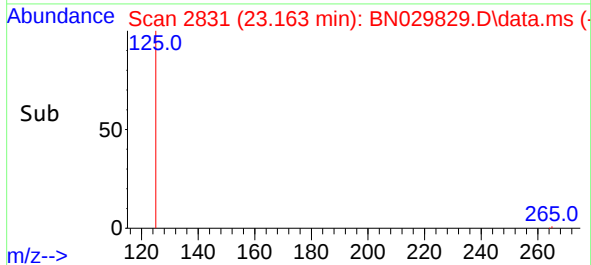
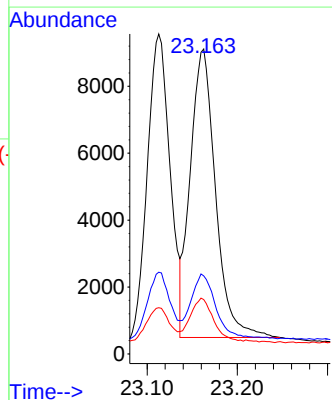
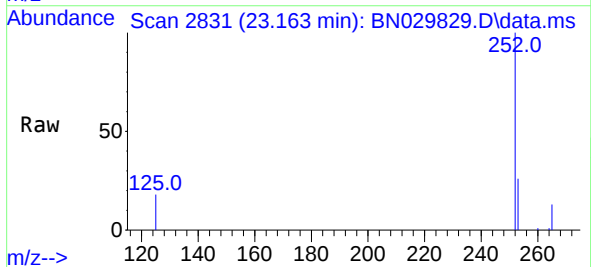


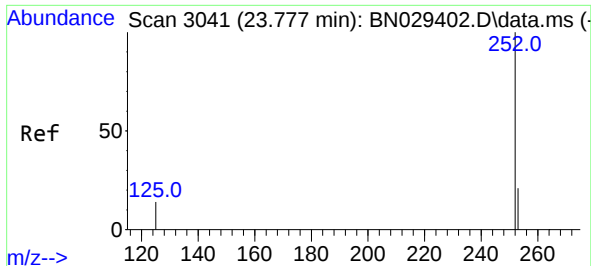
Tgt Ion:252 Resp: 16749  
Ion Ratio Lower Upper  
252 100  
253 25.6 21.7 32.5  
125 14.4 13.3 19.9



#38  
Benzo(k)fluoranthene  
Concen: 0.290 ng  
RT: 23.163 min Scan# 2831  
Delta R.T. 0.003 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Tgt Ion:252 Resp: 16787  
Ion Ratio Lower Upper  
252 100  
253 25.6 21.8 32.8  
125 17.8 13.9 20.9

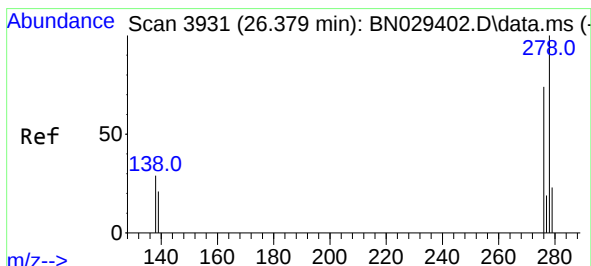
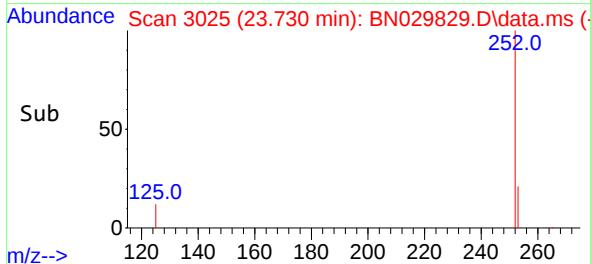
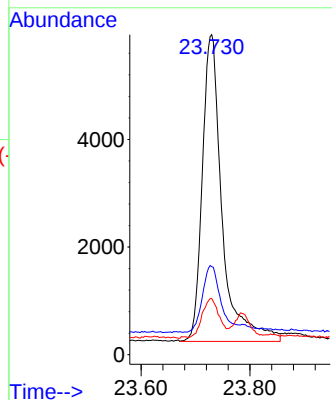
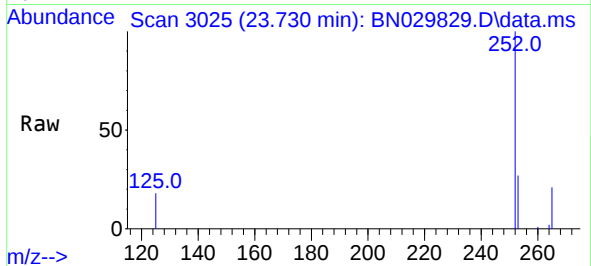




#39  
Benzo(a)pyrene  
Concen: 0.298 ng  
RT: 23.730 min Scan# 3041  
Delta R.T. 0.003 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

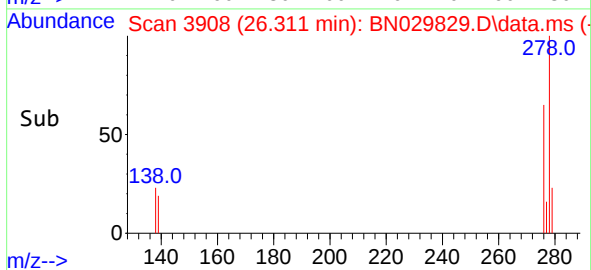
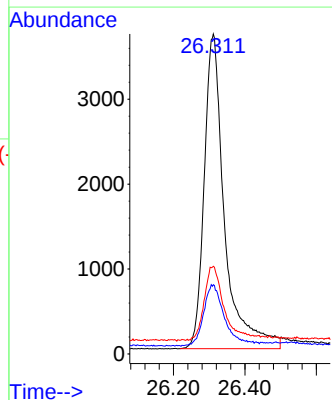
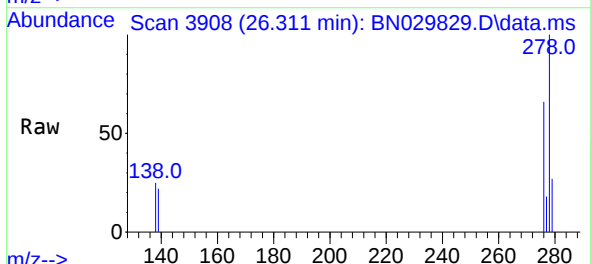
Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS

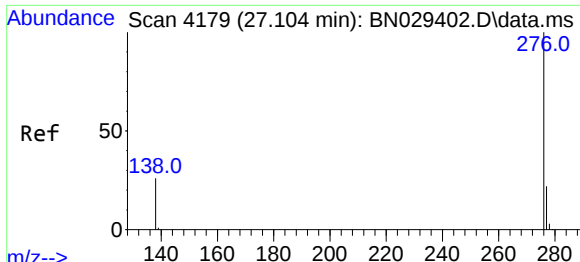
Tgt Ion:252 Resp: 14388  
Ion Ratio Lower Upper  
252 100  
253 27.5 24.9 37.3  
125 17.6 16.6 25.0



#40  
Dibenzo(a,h)anthracene  
Concen: 0.296 ng  
RT: 26.311 min Scan# 3908  
Delta R.T. -0.000 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

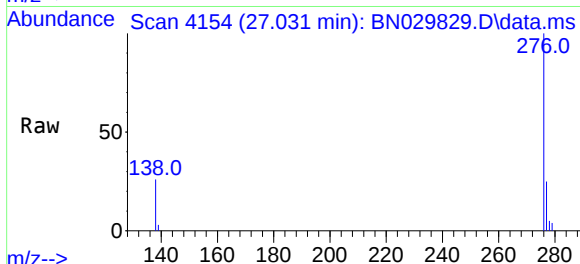
Tgt Ion:278 Resp: 14655  
Ion Ratio Lower Upper  
278 100  
139 21.7 20.4 30.6  
279 27.4 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.278 ng  
RT: 27.031 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BN029829.D  
Acq: 16 Feb 2024 16:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB158918BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 16733 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.7  | 19.4  | 29.2  |
| 138      | 25.5  | 23.5  | 35.3  |

