

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042524\  
 Data File : BN031232.D  
 Acq On : 25 Apr 2024 22:33  
 Operator : MA/JU  
 Sample : PB160504BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160504BS

Quant Time: Apr 25 23:46:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 25 18:00:27 2024  
 Response via : Initial Calibration

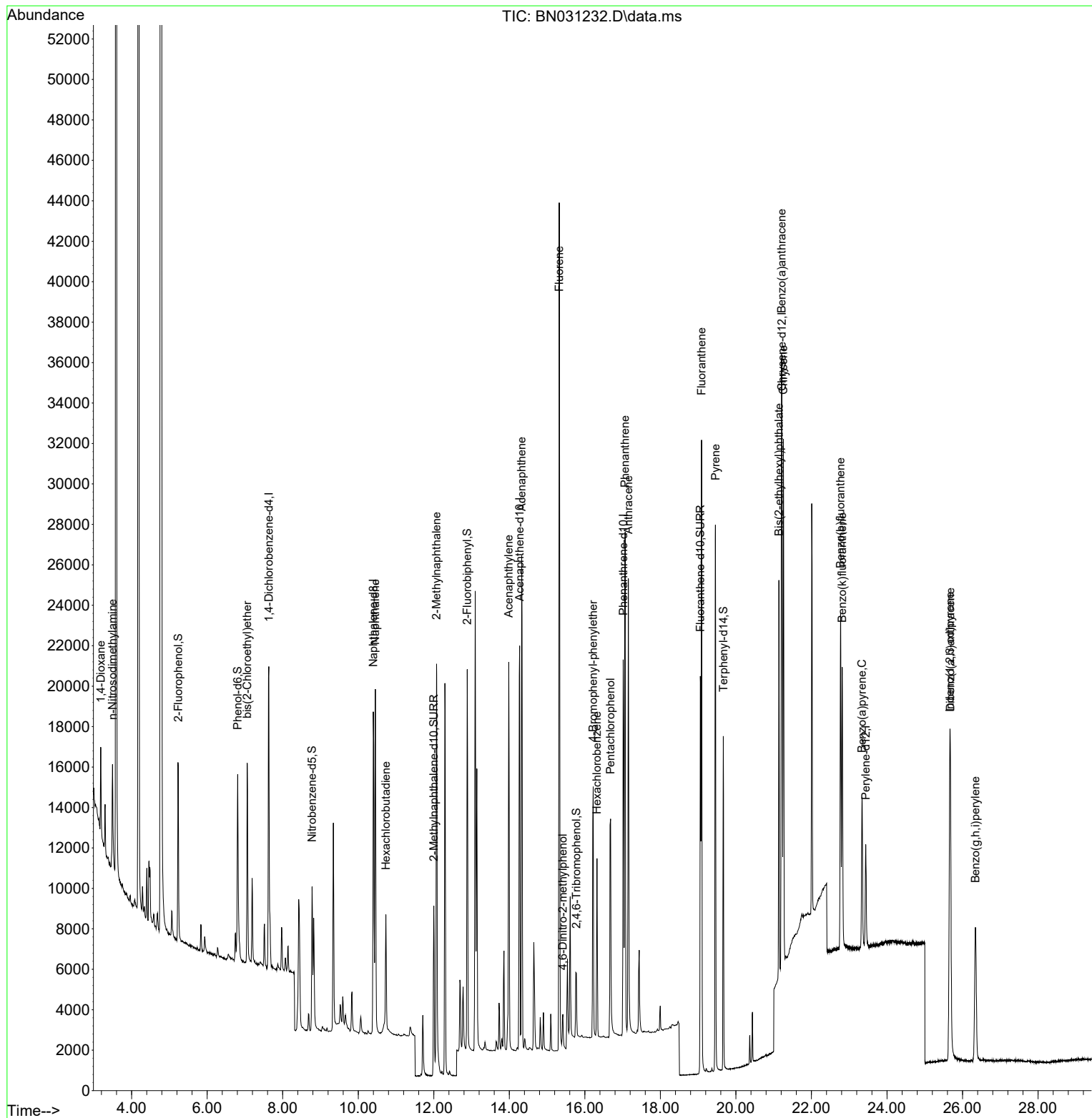
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.632  | 152  | 7581     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.400 | 136  | 22589    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.274 | 164  | 12348    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.016 | 188  | 26651    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.220 | 240  | 16546    | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.437 | 264  | 6400     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.234  | 112  | 7609     | 0.450 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.808  | 99   | 9386     | 0.459 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.777  | 82   | 6213     | 0.397 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.002 | 152  | 12055    | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.775 | 330  | 2076     | 0.433 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.884 | 172  | 17206    | 0.415 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.058 | 212  | 21891    | 0.305 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.667 | 244  | 16006    | 0.417 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.183  | 88   | 2391     | 0.257 | ng    | # 67     |
| 3) n-Nitrosodimethylamine     | 3.493  | 42   | 3347     | 0.383 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.061  | 93   | 7804     | 0.386 | ng    | 94       |
| 9) Naphthalene                | 10.453 | 128  | 21635    | 0.347 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.731 | 225  | 4185     | 0.335 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.073 | 142  | 14156    | 0.342 | ng    | 97       |
| 16) Acenaphthylene            | 13.986 | 152  | 20846    | 0.383 | ng    | 100      |
| 17) Acenaphthene              | 14.328 | 154  | 12855    | 0.335 | ng    | 98       |
| 18) Fluorene                  | 15.322 | 166  | 17106    | 0.336 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.418 | 198  | 1402     | 0.448 | ng    | # 81     |
| 21) 4-Bromophenyl-phenylether | 16.222 | 248  | 5550     | 0.351 | ng    | # 77     |
| 22) Hexachlorobenzene         | 16.321 | 284  | 6243     | 0.338 | ng    | 97       |
| 24) Pentachlorophenol         | 16.681 | 266  | 6365     | 0.975 | ng    | 99       |
| 25) Phenanthrene              | 17.066 | 178  | 26817    | 0.341 | ng    | 100      |
| 26) Anthracene                | 17.153 | 178  | 23385    | 0.359 | ng    | 99       |
| 28) Fluoranthene              | 19.091 | 202  | 27181    | 0.288 | ng    | 99       |
| 30) Pyrene                    | 19.458 | 202  | 24774    | 0.386 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.211 | 228  | 22388    | 0.388 | ng    | 98       |
| 33) Chrysene                  | 21.256 | 228  | 22365    | 0.357 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.139 | 149  | 16905    | 0.640 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.662 | 276  | 17856    | 0.600 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.771 | 252  | 20385    | 0.772 | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 22.815 | 252  | 17976    | 0.695 | ng    | # 92     |
| 39) Benzo(a)pyrene            | 23.341 | 252  | 10918    | 0.497 | ng    | # 83     |
| 40) Dibenzo(a,h)anthracene    | 25.680 | 278  | 17782    | 0.746 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.343 | 276  | 13884    | 0.529 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

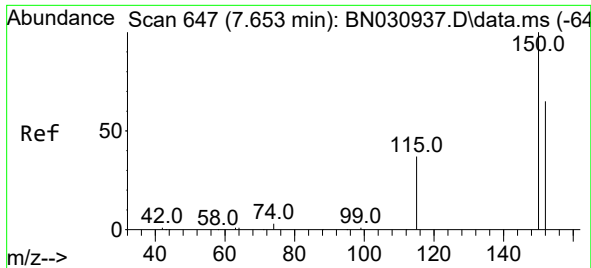
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042524\  
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Sample : PB160504BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

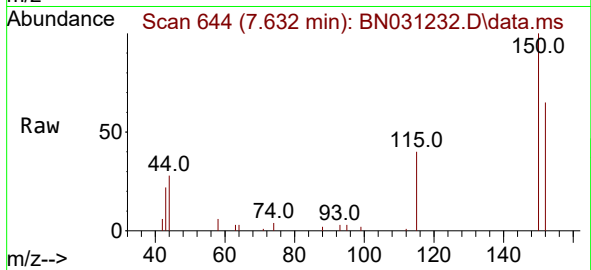
Quant Time: Apr 25 23:46:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 25 18:00:27 2024  
Response via : Initial Calibration



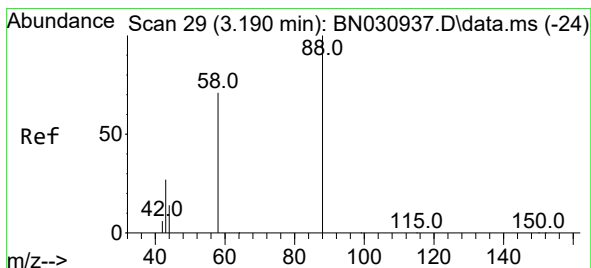
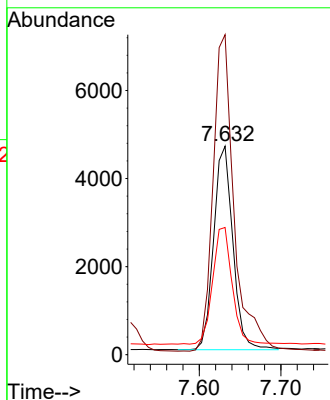
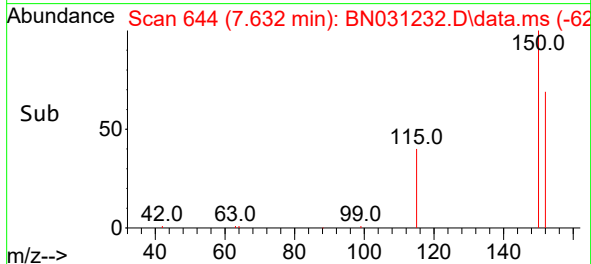


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.632 min Scan# 64  
 Delta R.T. 0.008 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

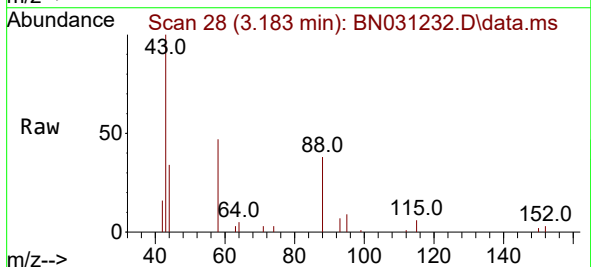
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160504BS



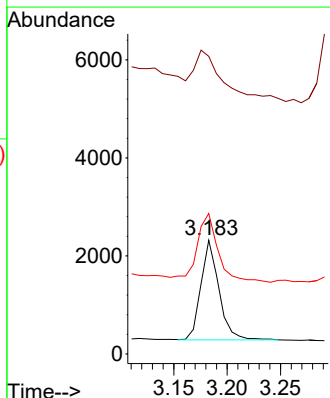
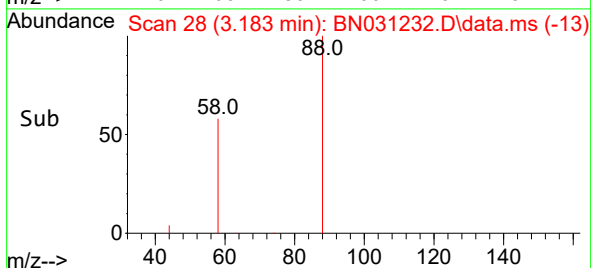
Tgt Ion:152 Resp: 7581  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 121.7 182.5  
 115 61.0 47.8 71.8

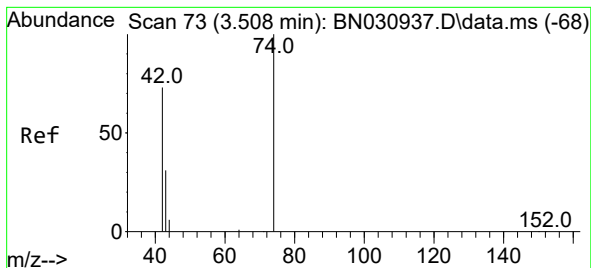


#2  
 1,4-Dioxane  
 Concen: 0.257 ng  
 RT: 3.183 min Scan# 28  
 Delta R.T. 0.007 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33



Tgt Ion: 88 Resp: 2391  
 Ion Ratio Lower Upper  
 88 100  
 43 69.8 23.7 35.5#  
 58 82.4 55.7 83.5





#3

n-Nitrosodimethylamine

Concen: 0.383 ng

RT: 3.493 min Scan# 71

Delta R.T. 0.007 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

Instrument :

BNA\_N

ClientSampleId :

PB160504BS

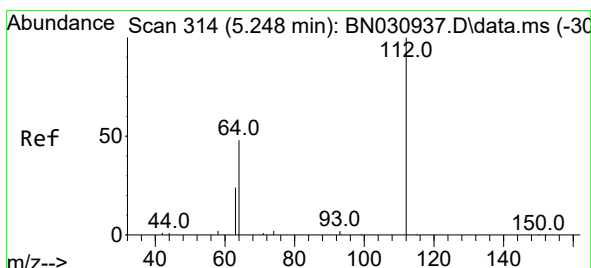
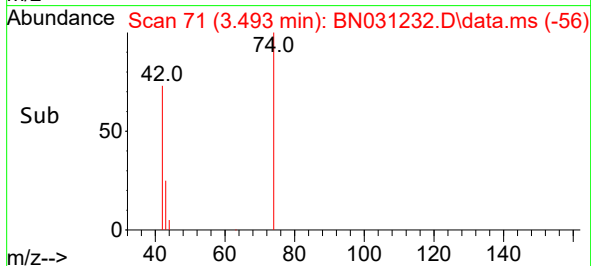
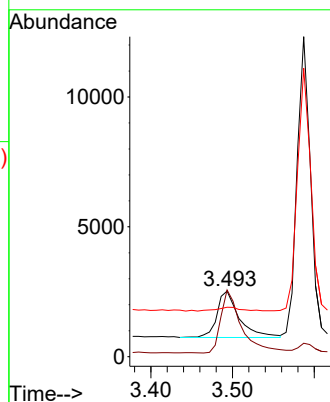
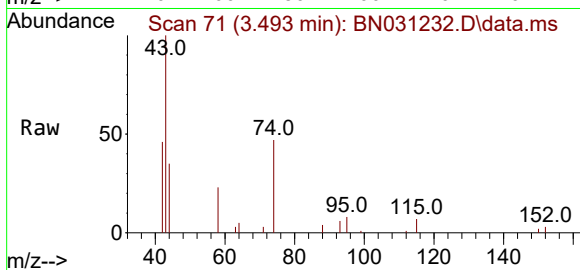
Tgt Ion: 42 Resp: 3347

Ion Ratio Lower Upper

42 100

74 125.7 103.1 154.7

44 9.2 7.0 10.6



#4

2-Fluorophenol

Concen: 0.450 ng

RT: 5.234 min Scan# 312

Delta R.T. 0.007 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

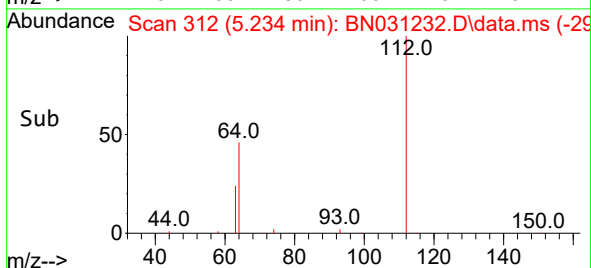
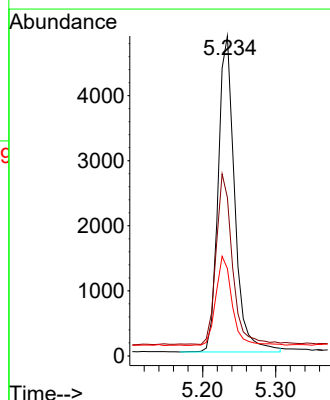
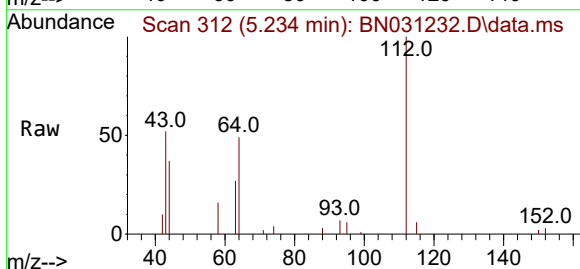
Tgt Ion: 112 Resp: 7609

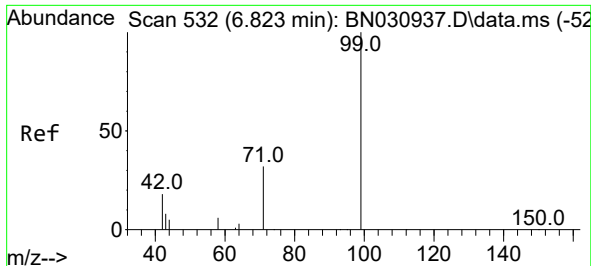
Ion Ratio Lower Upper

112 100

64 52.6 43.4 65.2

63 27.8 22.2 33.2





#5

Phenol-d6

Concen: 0.459 ng

RT: 6.808 min Scan# 51

Delta R.T. -0.000 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

Instrument :

BNA\_N

ClientSampleId :

PB160504BS

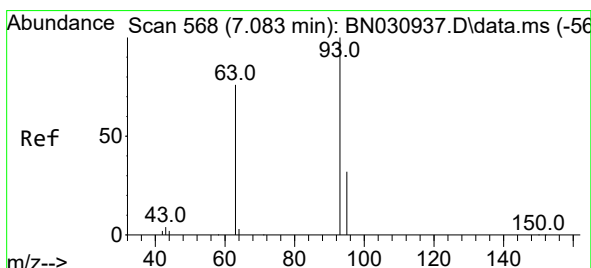
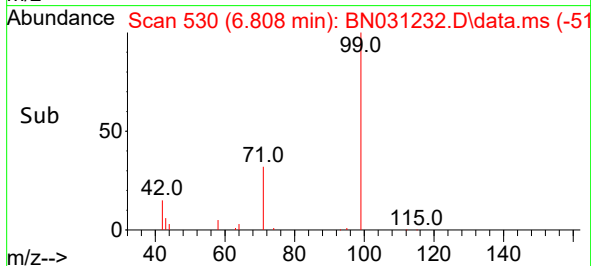
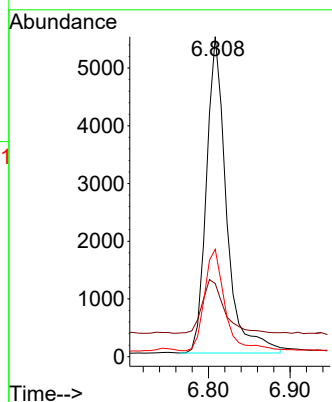
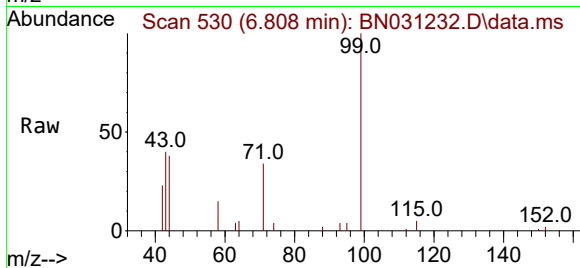
Tgt Ion: 99 Resp: 9386

Ion Ratio Lower Upper

99 100

42 18.7 16.4 24.6

71 32.7 26.3 39.5



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 7.061 min Scan# 565

Delta R.T. -0.000 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

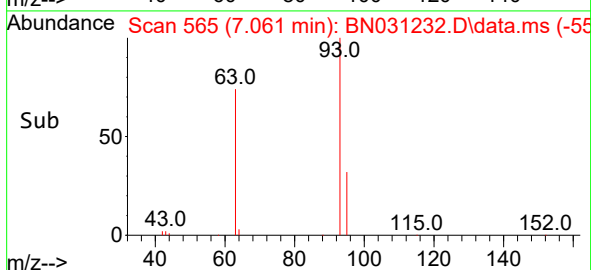
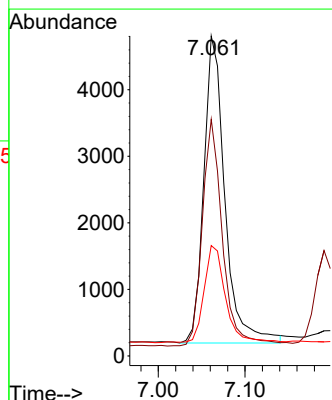
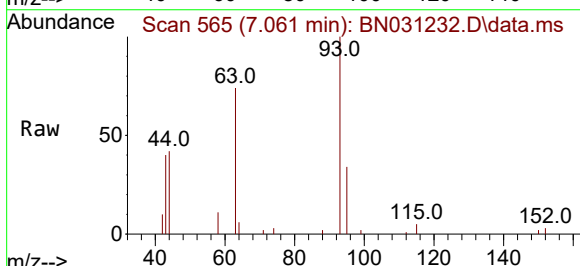
Tgt Ion: 93 Resp: 7804

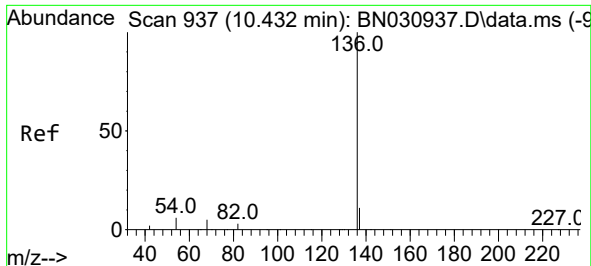
Ion Ratio Lower Upper

93 100

63 70.7 61.8 92.8

95 31.9 27.4 41.0

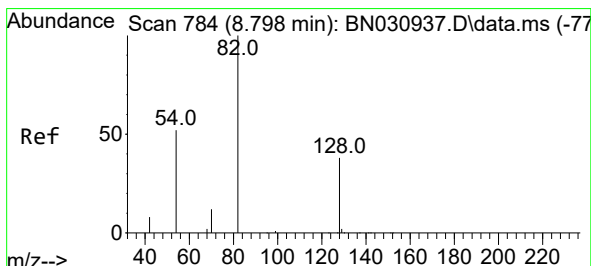
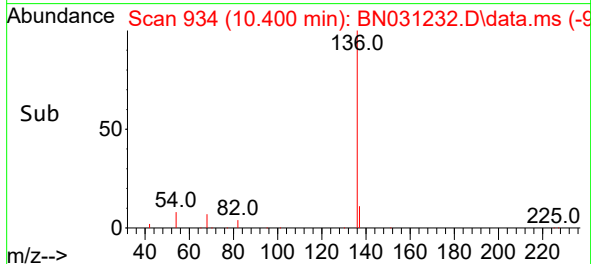
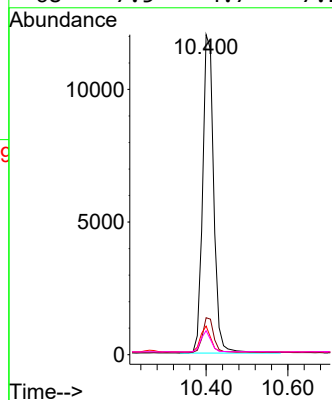
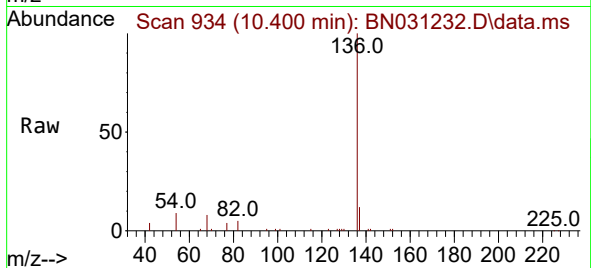




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.400 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

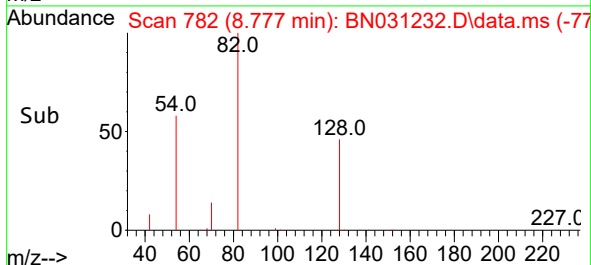
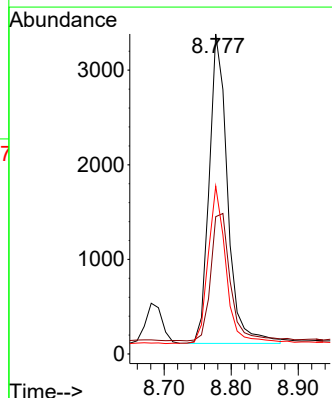
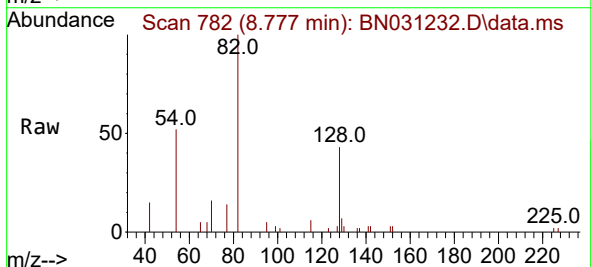
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

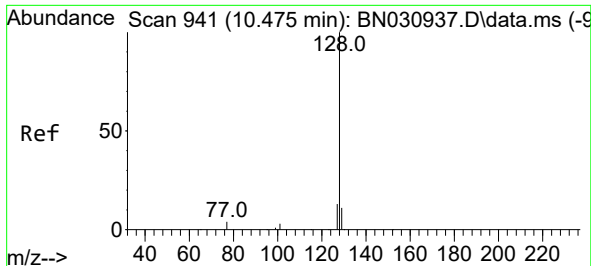
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 22589 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.4   | 14.0  |
| 54        | 8.9   | 5.3   | 7.9#  |
| 68        | 7.5   | 4.7   | 7.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.397 ng  
RT: 8.777 min Scan# 782  
Delta R.T. -0.000 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6213 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.9  | 33.7  | 50.5 |
| 54        | 52.5  | 43.7  | 65.5 |

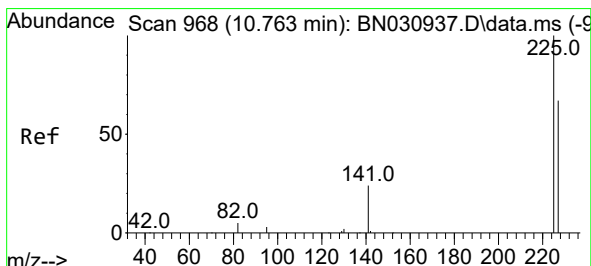
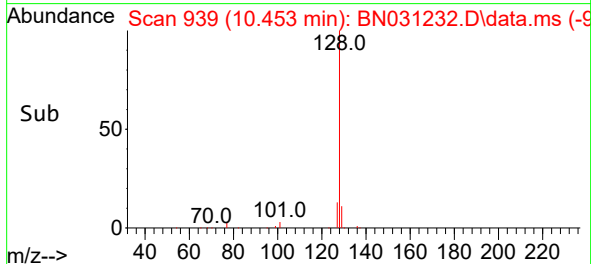
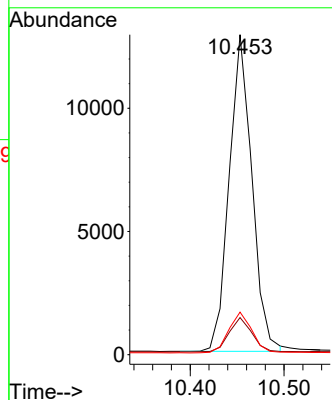
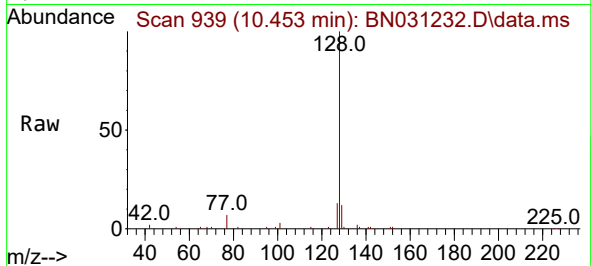




#9  
Naphthalene  
Concen: 0.347 ng  
RT: 10.453 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

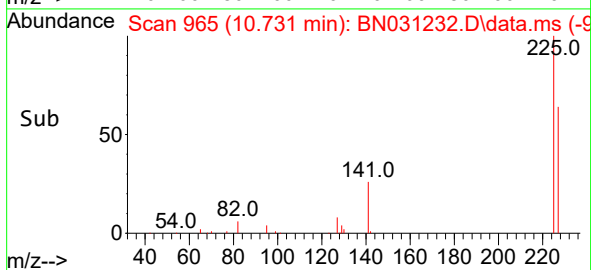
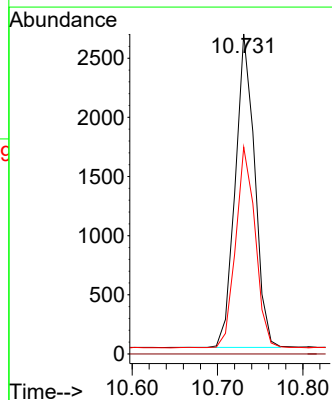
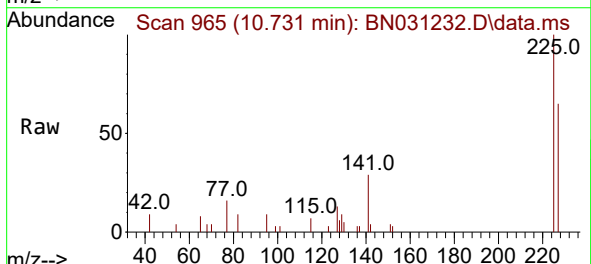
Instrument :  
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PB160504BS

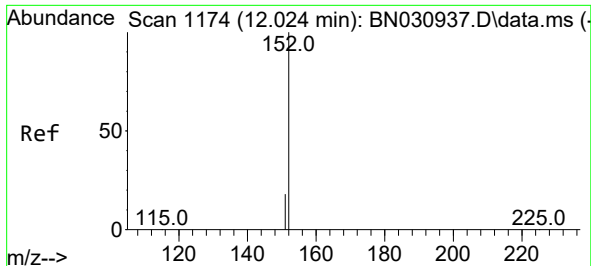
Tgt Ion:128 Resp: 21635  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.4 14.0  
127 13.3 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.335 ng  
RT: 10.731 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:225 Resp: 4185  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.5 51.3 76.9





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.002 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

Instrument :

BNA\_N

ClientSampleId :

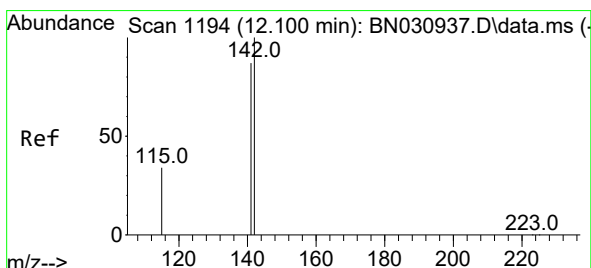
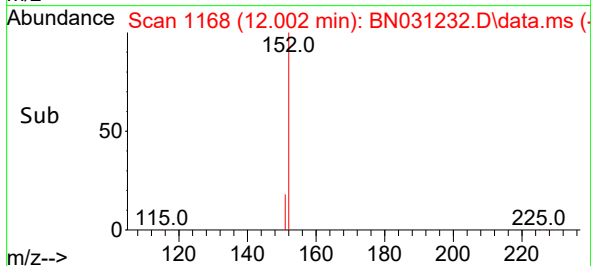
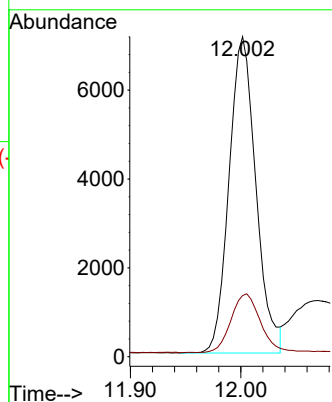
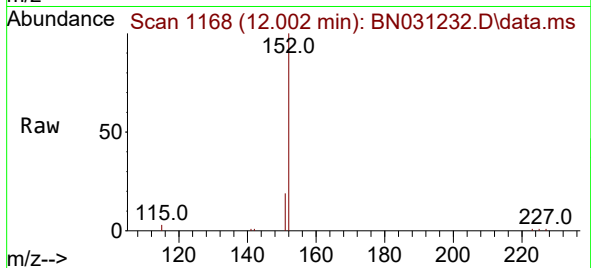
PB160504BS

Tgt Ion:152 Resp: 12055

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.342 ng

RT: 12.073 min Scan# 1187

Delta R.T. -0.004 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

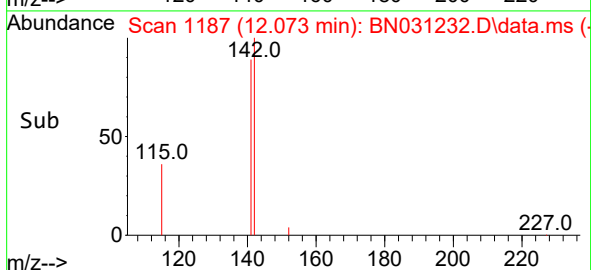
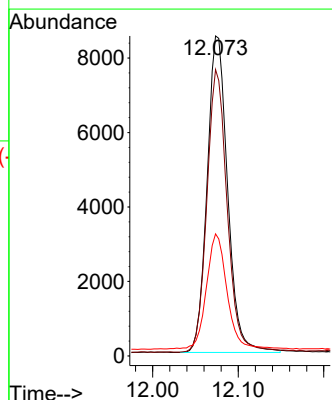
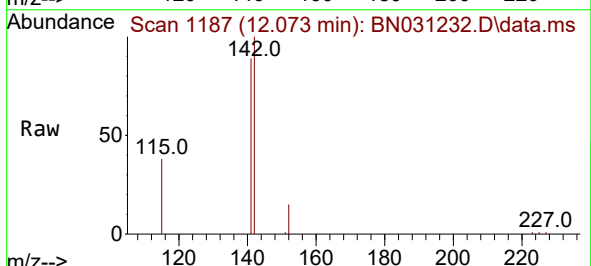
Tgt Ion:142 Resp: 14156

Ion Ratio Lower Upper

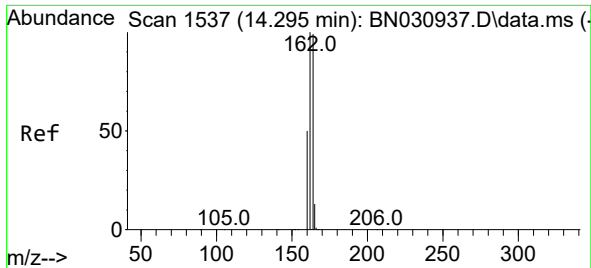
142 100

141 89.5 69.8 104.8

115 38.1 28.3 42.5



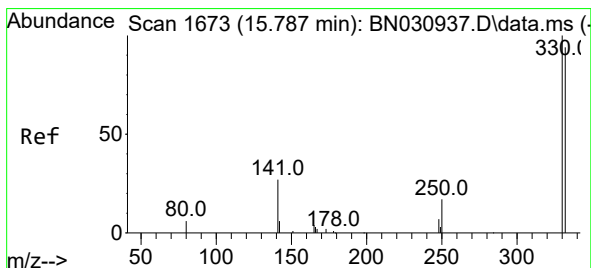
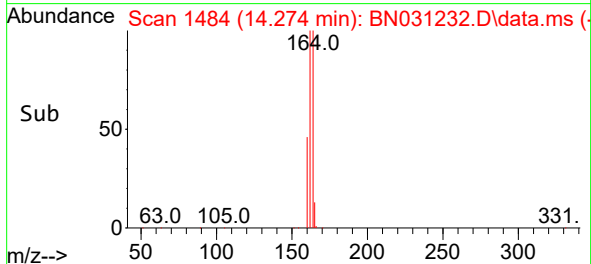
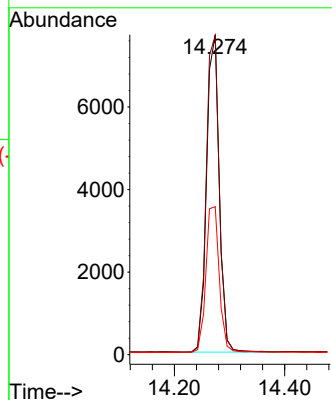
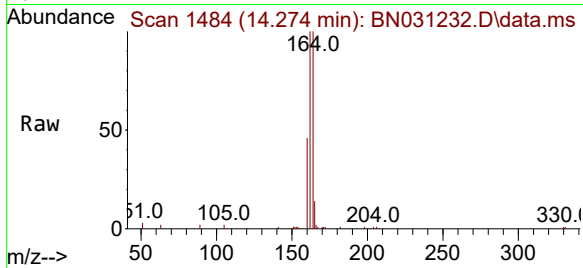




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.274 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

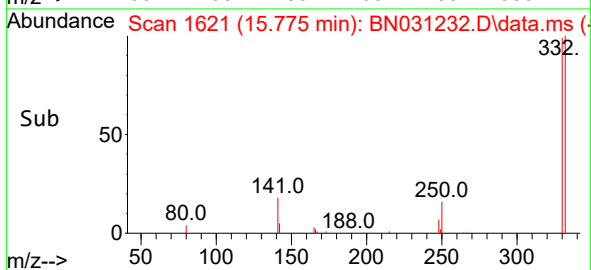
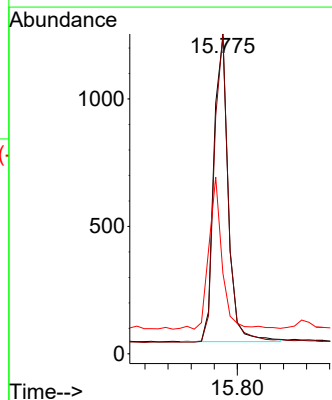
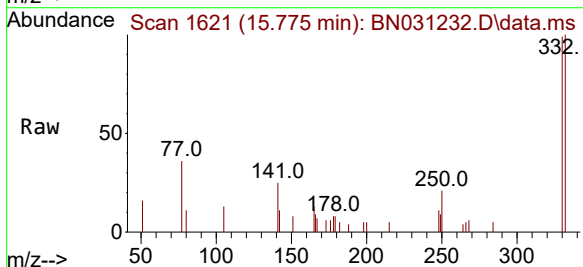
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160504BS

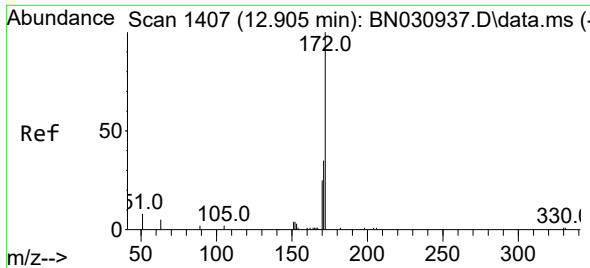
Tgt Ion:164 Resp: 12348  
 Ion Ratio Lower Upper  
 164 100  
 162 99.7 80.6 121.0  
 160 46.3 40.7 61.1



#14  
 2,4,6-Tribromophenol  
 Concen: 0.433 ng  
 RT: 15.775 min Scan# 1621  
 Delta R.T. -0.000 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

Tgt Ion:330 Resp: 2076  
 Ion Ratio Lower Upper  
 330 100  
 332 98.2 74.2 111.2  
 141 44.5 37.2 55.8

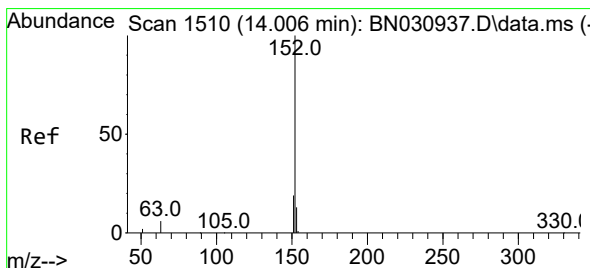
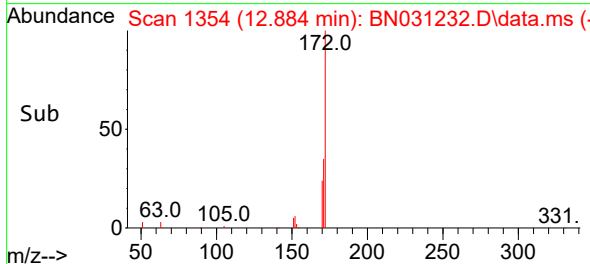
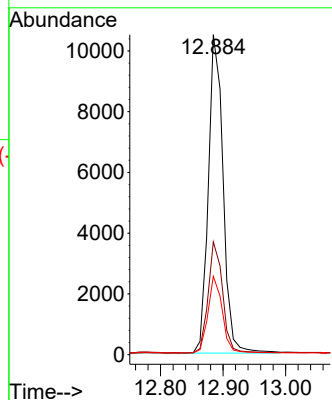
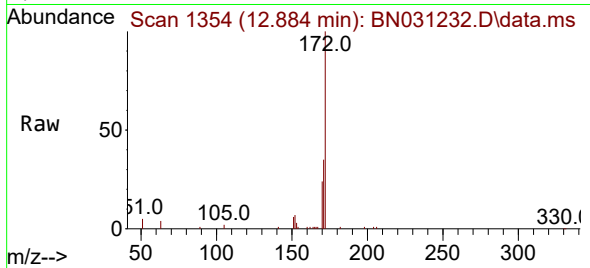




#15  
2-Fluorobiphenyl  
Concen: 0.415 ng  
RT: 12.884 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

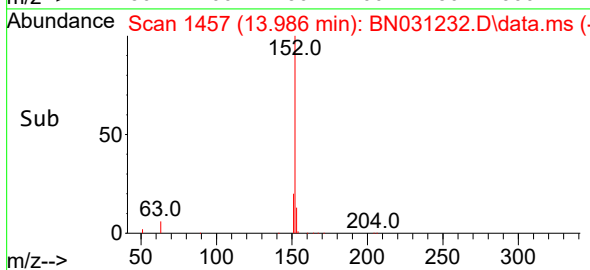
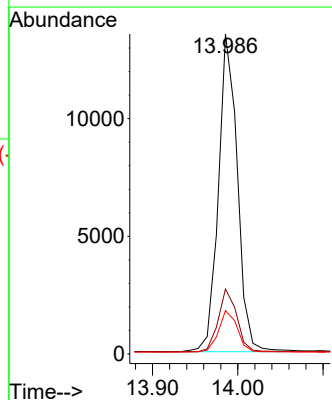
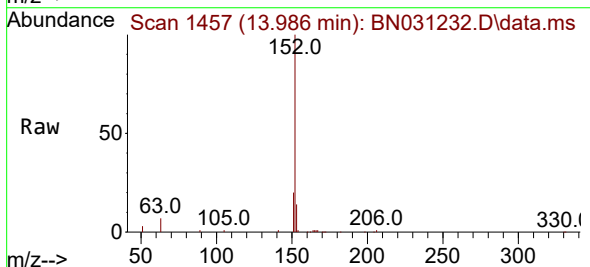
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

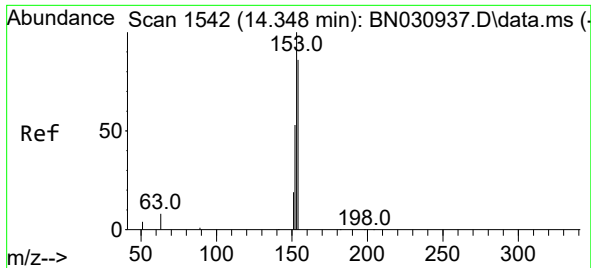
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 17206 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.2  | 28.3  | 42.5  |
| 170       | 24.5  | 19.8  | 29.8  |



#16  
Acenaphthylene  
Concen: 0.383 ng  
RT: 13.986 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 20846 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 15.3  | 22.9  |
| 153       | 13.0  | 10.4  | 15.6  |

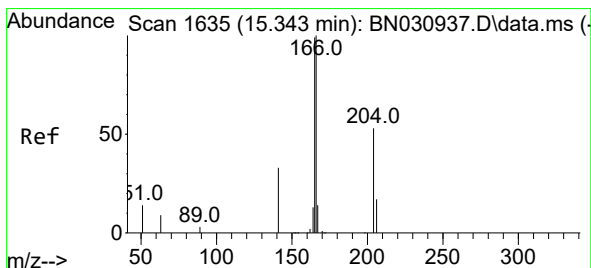
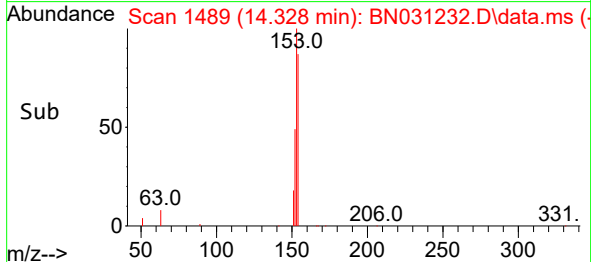
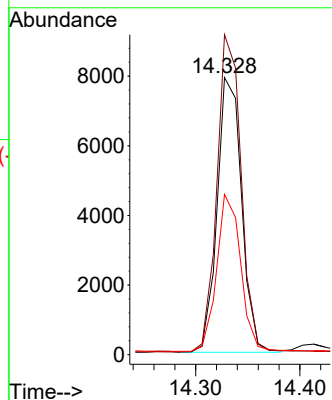
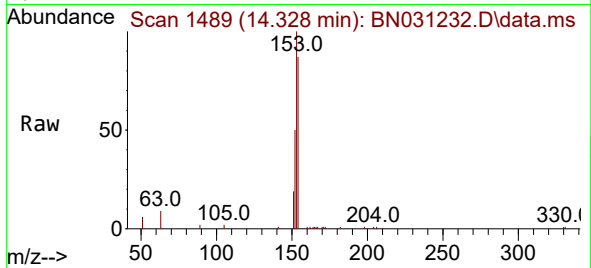




#17  
Acenaphthene  
Concen: 0.335 ng  
RT: 14.328 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

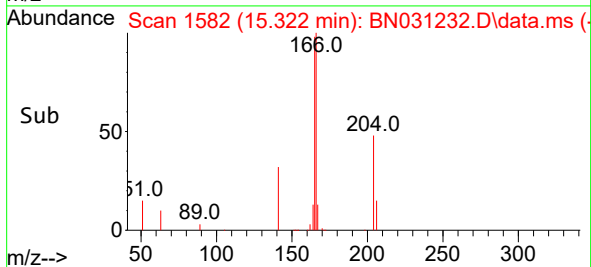
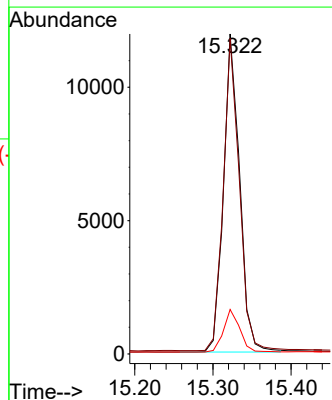
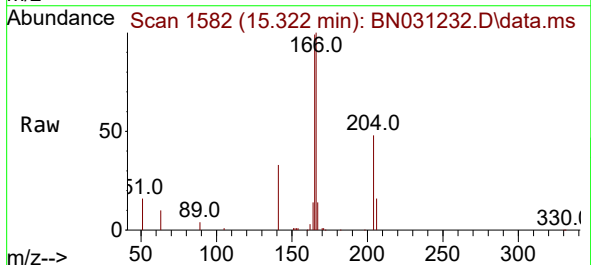
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

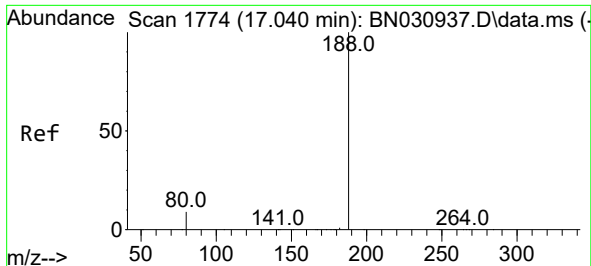
Tgt Ion:154 Resp: 12855  
Ion Ratio Lower Upper  
154 100  
153 114.1 91.1 136.7  
152 55.9 47.6 71.4



#18  
Fluorene  
Concen: 0.336 ng  
RT: 15.322 min Scan# 1582  
Delta R.T. -0.011 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:166 Resp: 17106  
Ion Ratio Lower Upper  
166 100  
165 97.2 78.3 117.5  
167 13.4 11.1 16.7

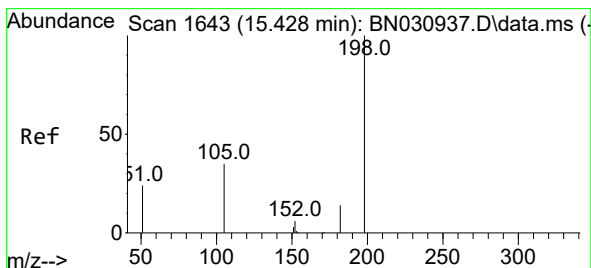
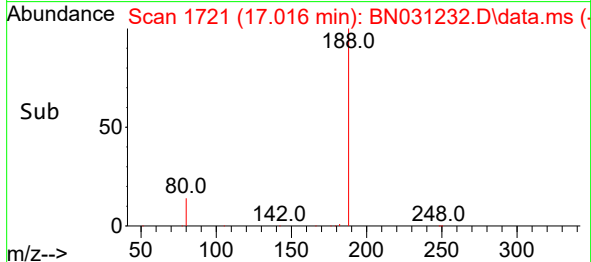
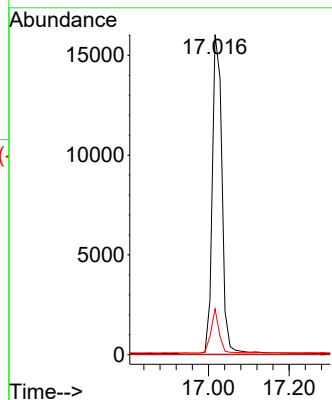
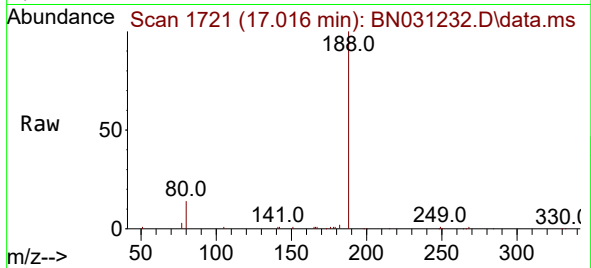




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.016 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

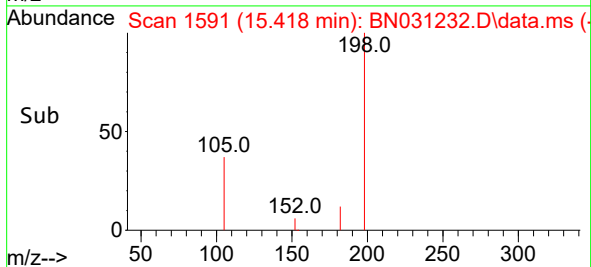
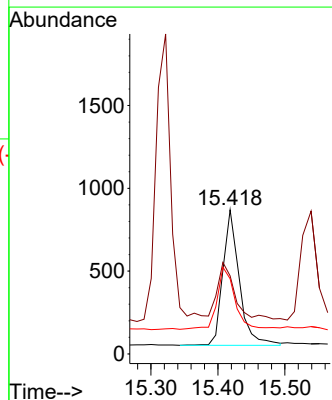
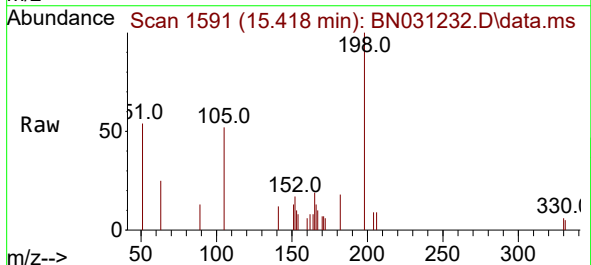
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

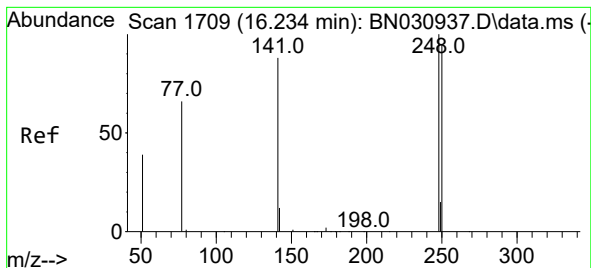
Tgt Ion:188 Resp: 26651  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.3 7.4 11.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.448 ng  
RT: 15.418 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:198 Resp: 1402  
Ion Ratio Lower Upper  
198 100  
51 54.1 65.2 97.8#  
105 52.2 41.0 61.4

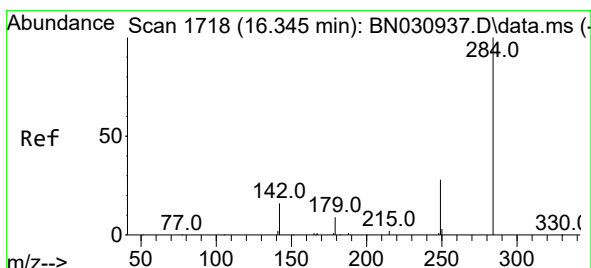
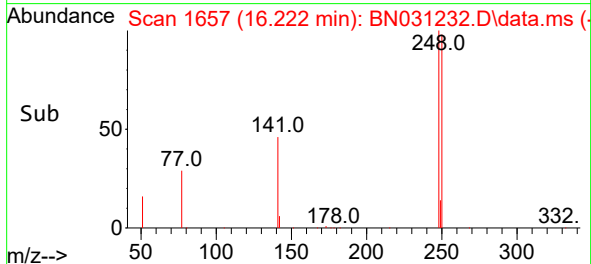
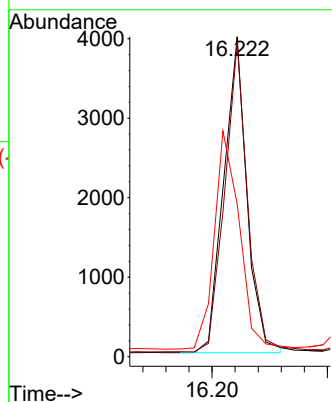
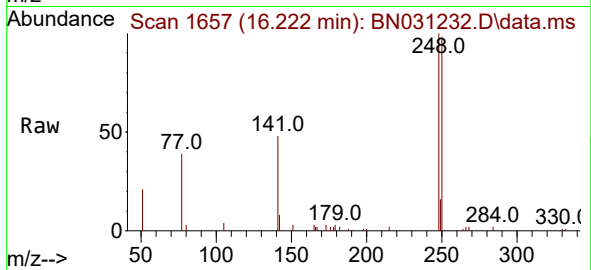




#21  
4-Bromophenyl-phenylether  
Concen: 0.351 ng  
RT: 16.222 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

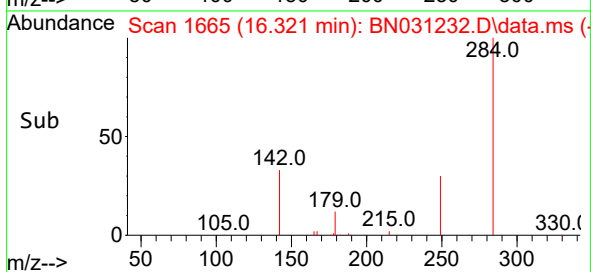
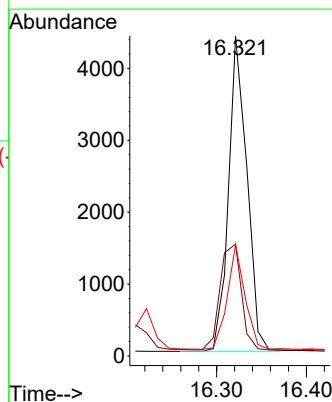
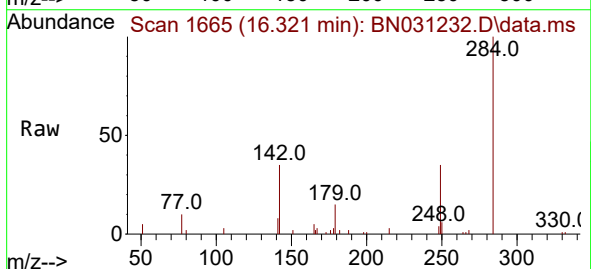
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

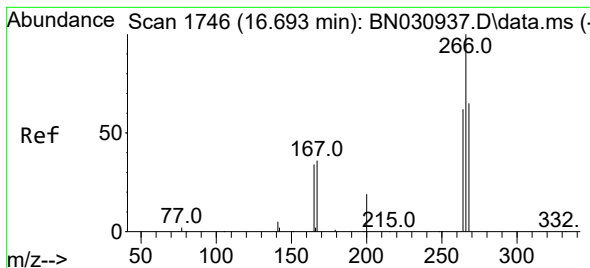
Tgt Ion:248 Resp: 5550  
Ion Ratio Lower Upper  
248 100  
250 98.5 76.1 114.1  
141 47.8 71.1 106.7#



#22  
Hexachlorobenzene  
Concen: 0.338 ng  
RT: 16.321 min Scan# 1665  
Delta R.T. -0.012 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:284 Resp: 6243  
Ion Ratio Lower Upper  
284 100  
142 38.6 33.0 49.4  
249 31.6 25.5 38.3





#24

Pentachlorophenol

Concen: 0.975 ng

RT: 16.681 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

Instrument :

BNA\_N

ClientSampleId :

PB160504BS

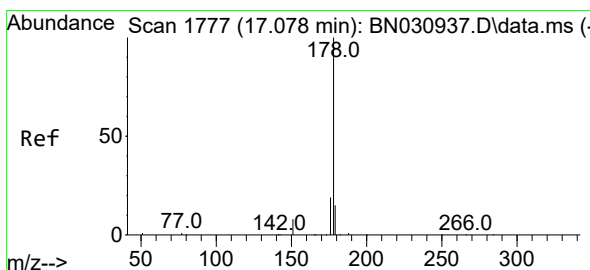
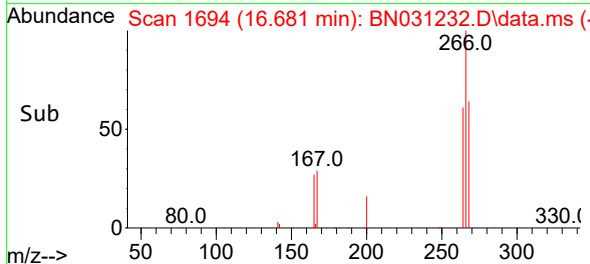
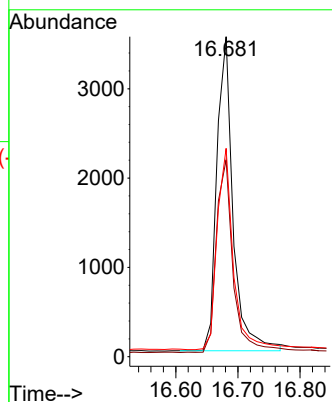
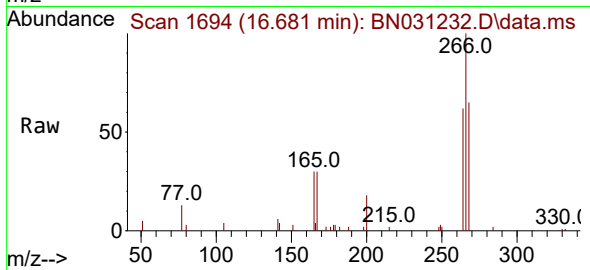
Tgt Ion:266 Resp: 6365

Ion Ratio Lower Upper

266 100

264 63.2 50.2 75.2

268 63.9 52.3 78.5



#25

Phenanthrene

Concen: 0.341 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.000 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

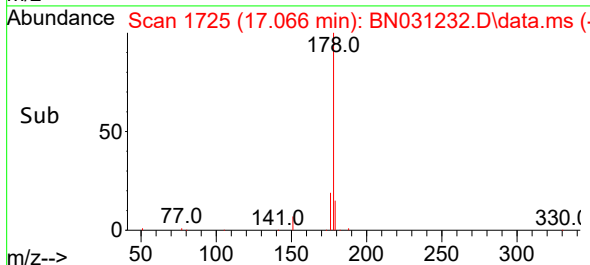
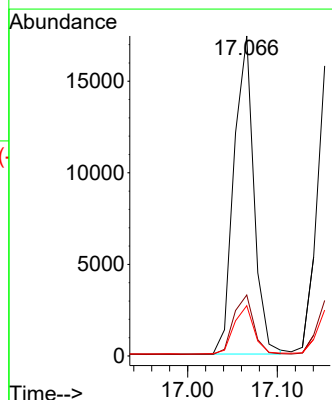
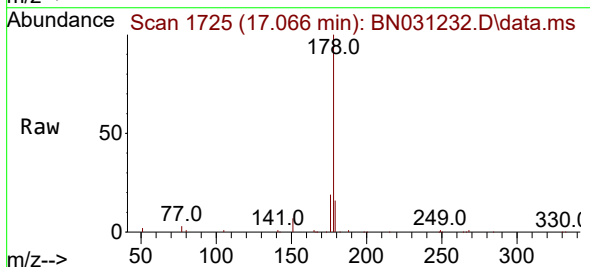
Tgt Ion:178 Resp: 26817

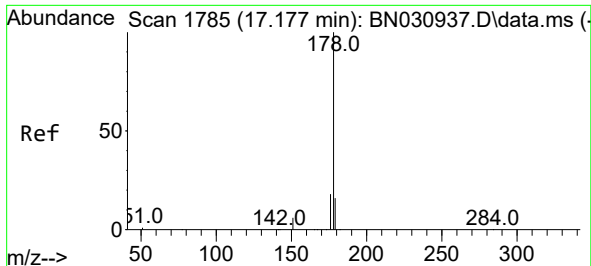
Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.3 12.2 18.2

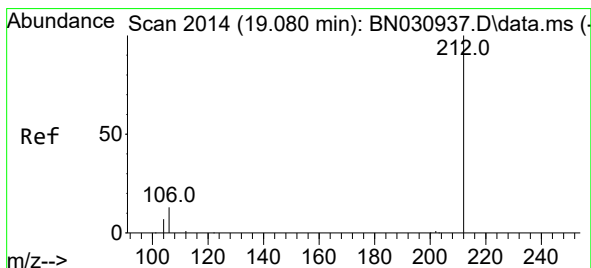
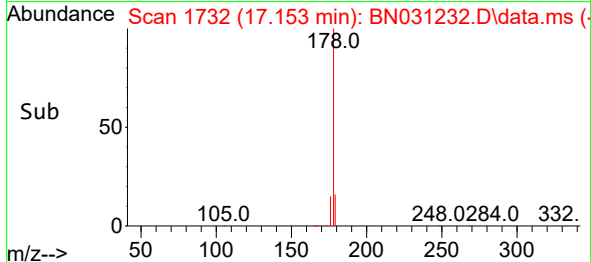
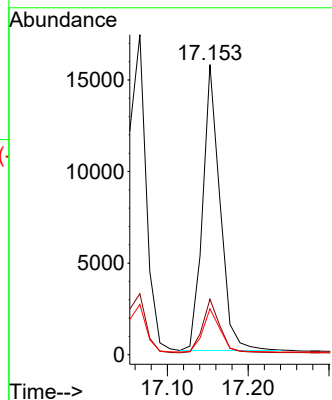
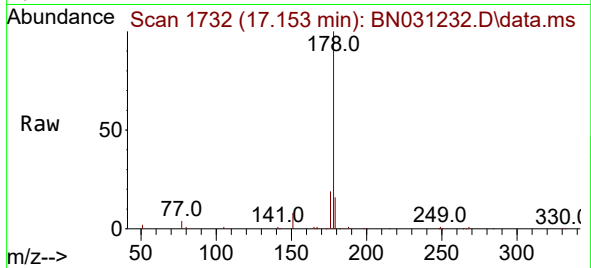




#26  
 Anthracene  
 Concen: 0.359 ng  
 RT: 17.153 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

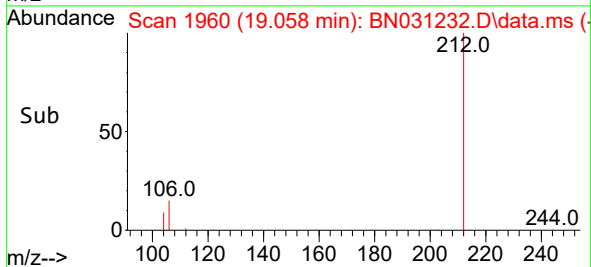
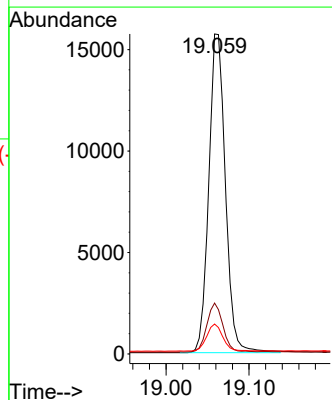
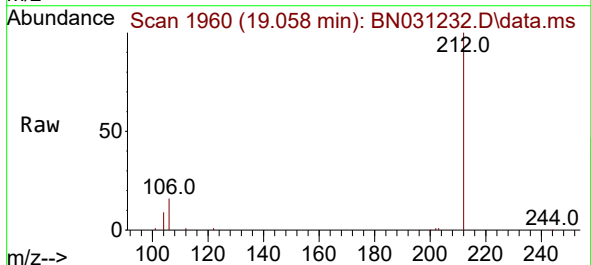
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160504BS

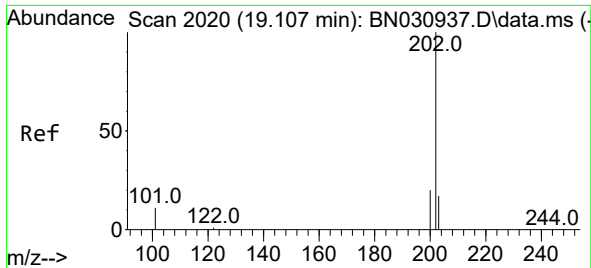
Tgt Ion:178 Resp: 23385  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.6 22.0  
 179 15.2 12.3 18.5



#27  
 Fluoranthene-d10  
 Concen: 0.305 ng  
 RT: 19.058 min Scan# 1960  
 Delta R.T. -0.009 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

Tgt Ion:212 Resp: 21891  
 Ion Ratio Lower Upper  
 212 100  
 106 14.8 12.0 18.0  
 104 8.6 6.7 10.1

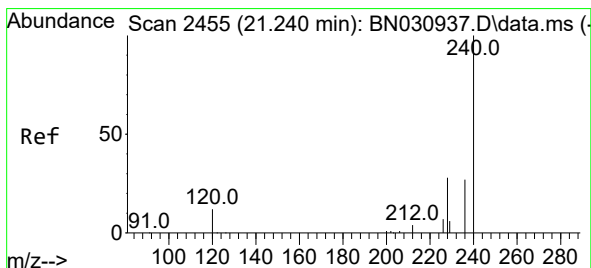
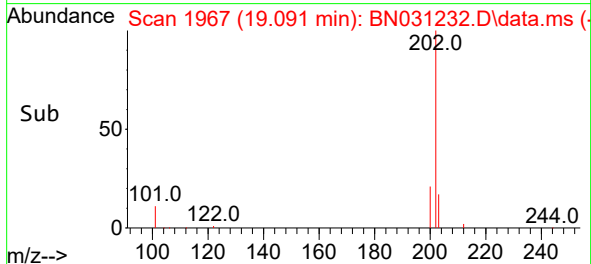
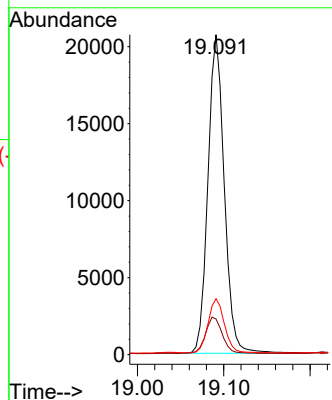
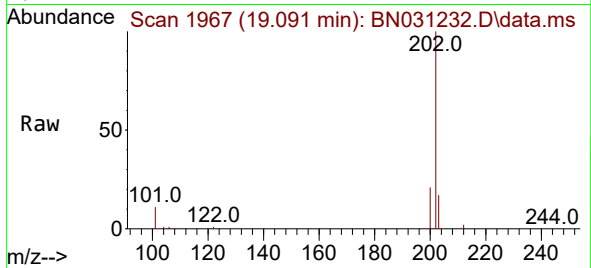




#28  
Fluoranthene  
Concen: 0.288 ng  
RT: 19.091 min Scan# 1967  
Delta R.T. -0.005 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

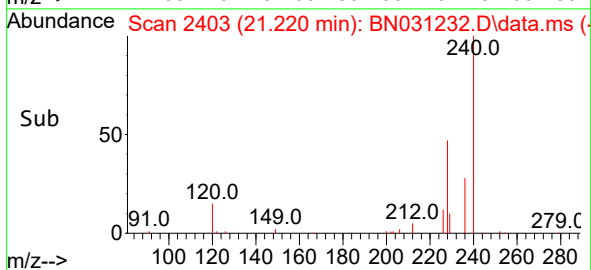
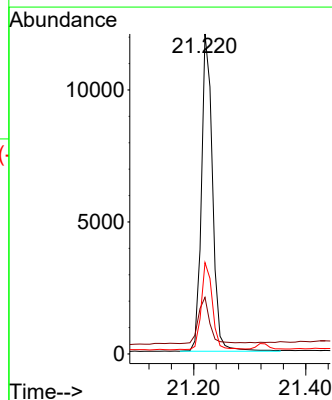
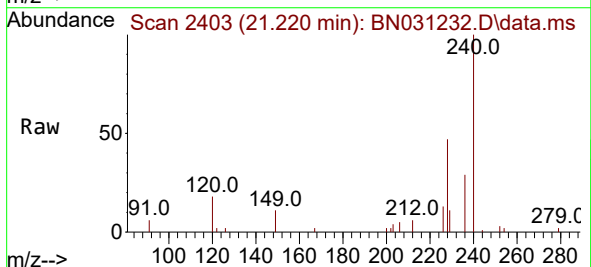
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

Tgt Ion:202 Resp: 27181  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.4 14.2  
203 17.0 13.8 20.8

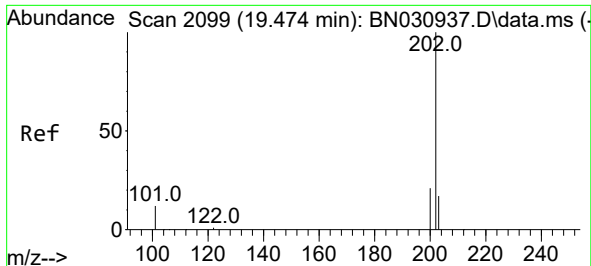


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.220 min Scan# 2403  
Delta R.T. -0.018 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:240 Resp: 16546  
Ion Ratio Lower Upper  
240 100  
120 17.7 11.0 16.4#  
236 28.6 22.3 33.5



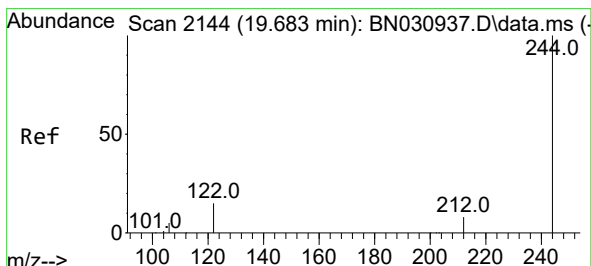
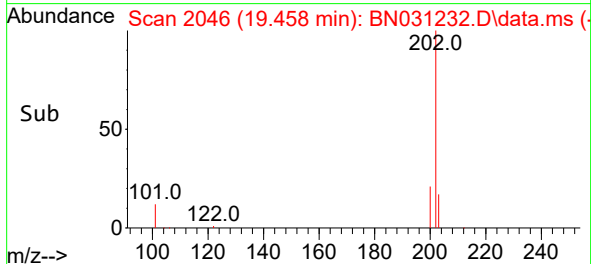
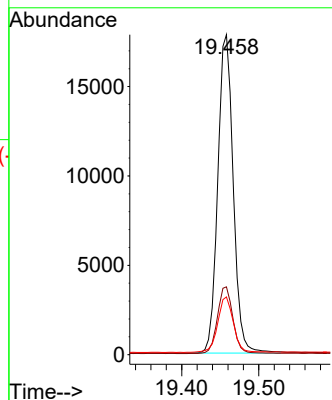
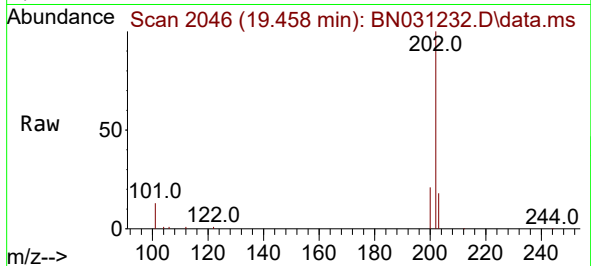




#30  
Pyrene  
Concen: 0.386 ng  
RT: 19.458 min Scan# 2091  
Delta R.T. -0.005 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

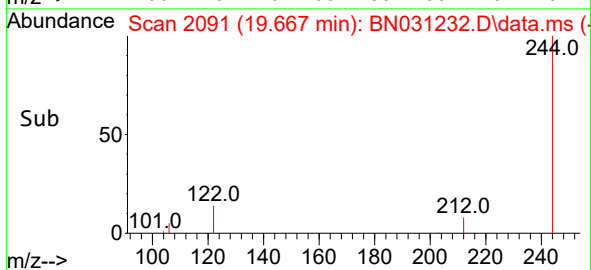
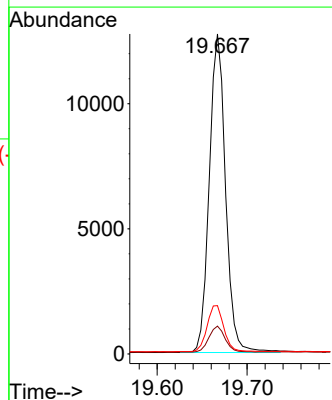
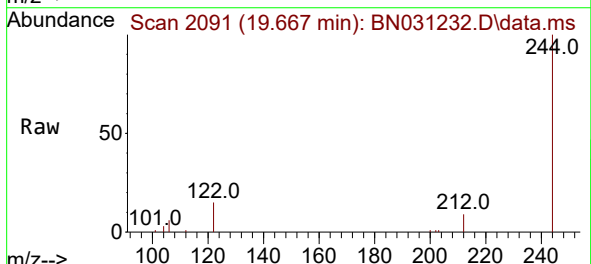
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

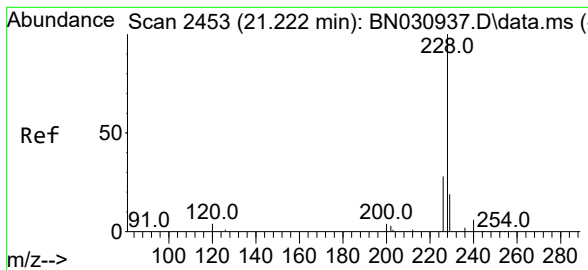
Tgt Ion:202 Resp: 24774  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.6 25.0  
203 17.6 14.3 21.5



#31  
Terphenyl-d14  
Concen: 0.417 ng  
RT: 19.667 min Scan# 2091  
Delta R.T. -0.005 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:244 Resp: 16006  
Ion Ratio Lower Upper  
244 100  
212 8.7 7.2 10.8  
122 15.1 12.7 19.1

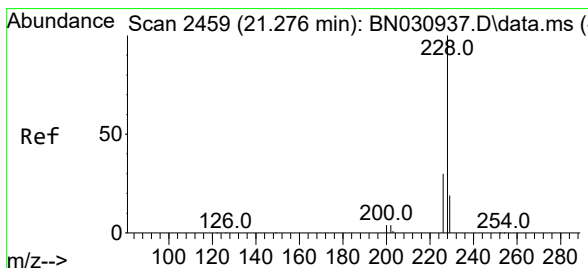
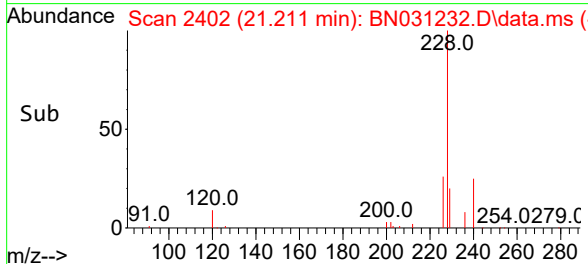
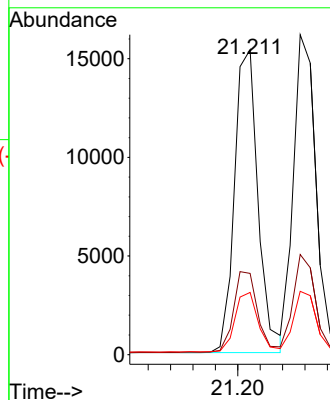
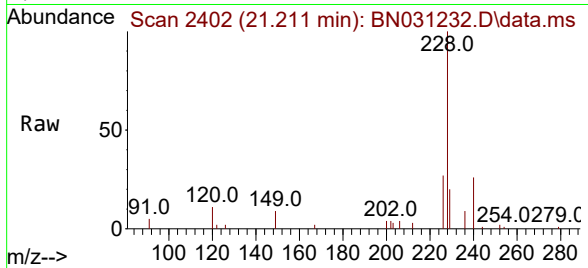




#32  
Benzo(a)anthracene  
Concen: 0.388 ng  
RT: 21.211 min Scan# 2402  
Delta R.T. -0.009 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

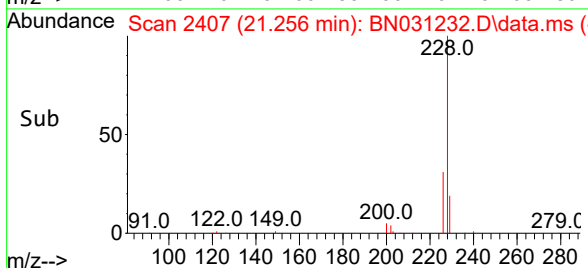
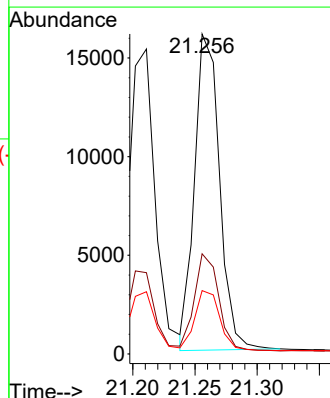
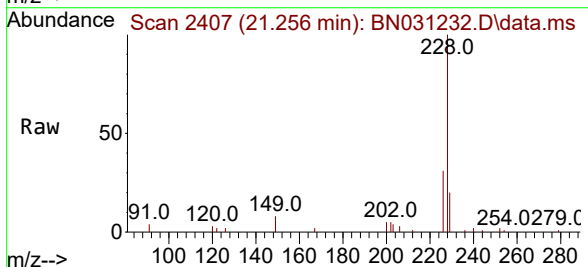
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

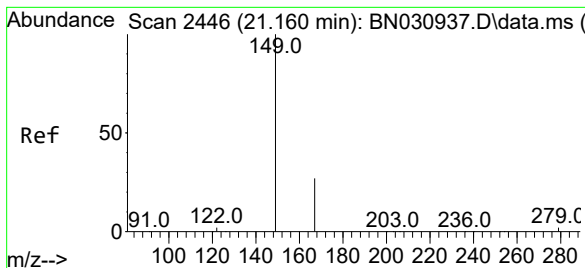
Tgt Ion:228 Resp: 22388  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.4 33.6  
229 20.4 15.7 23.5



#33  
Chrysene  
Concen: 0.357 ng  
RT: 21.256 min Scan# 2407  
Delta R.T. -0.018 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:228 Resp: 22365  
Ion Ratio Lower Upper  
228 100  
226 31.3 23.9 35.9  
229 19.8 15.8 23.6

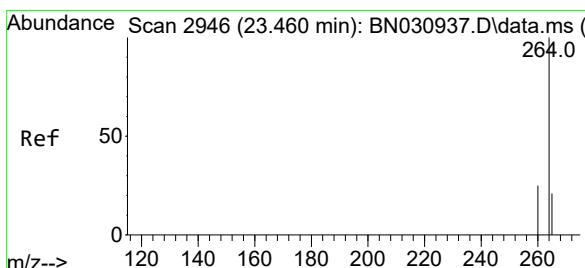
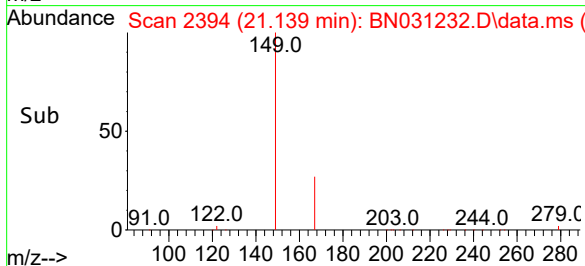
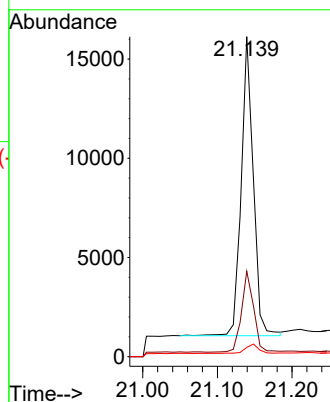
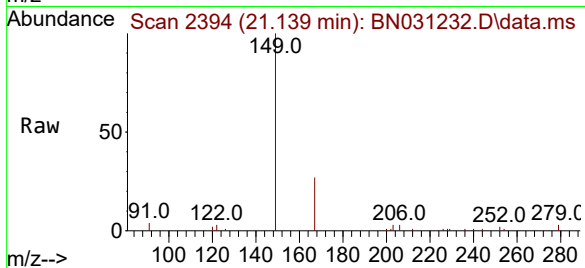




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.640 ng  
 RT: 21.139 min Scan# 211  
 Delta R.T. -0.009 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

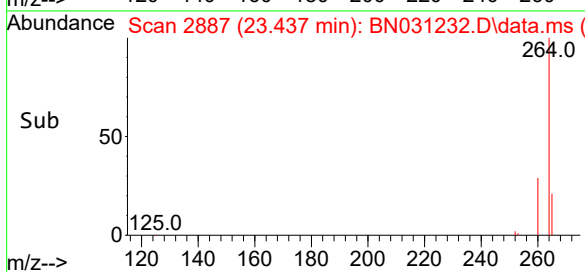
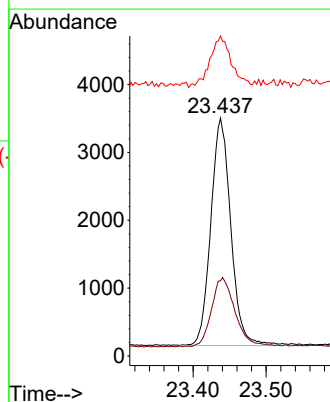
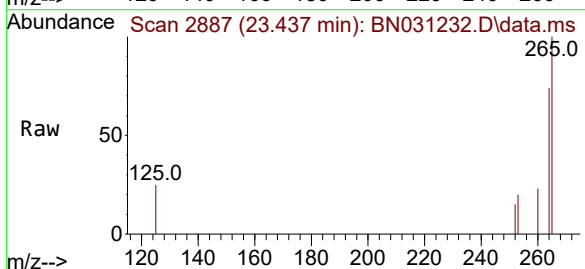
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160504BS

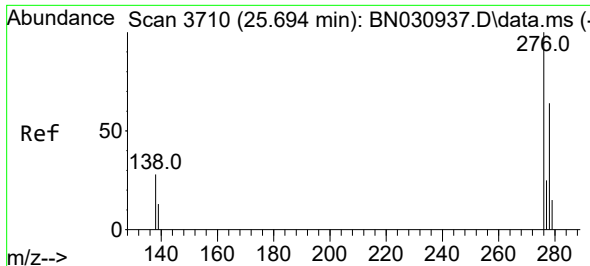
Tgt Ion:149 Resp: 16905  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 21.0 31.4  
 279 3.5 2.9 4.3



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.437 min Scan# 2887  
 Delta R.T. -0.018 min  
 Lab File: BN031232.D  
 Acq: 25 Apr 2024 22:33

Tgt Ion:264 Resp: 6400  
 Ion Ratio Lower Upper  
 264 100  
 260 31.6 20.6 31.0#  
 265 134.5 53.3 79.9#

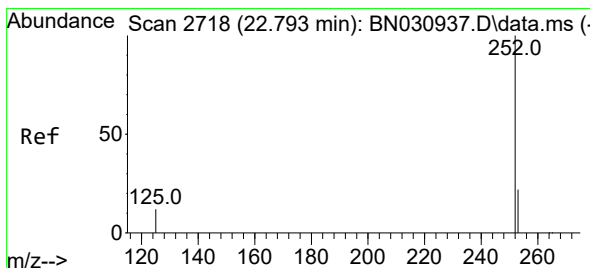
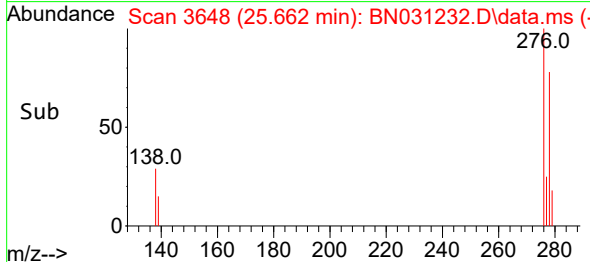
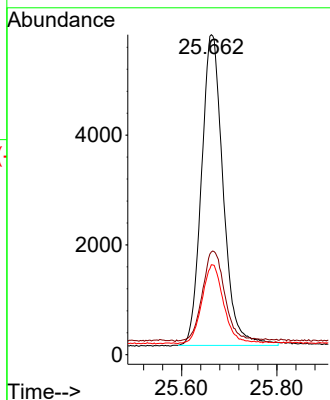
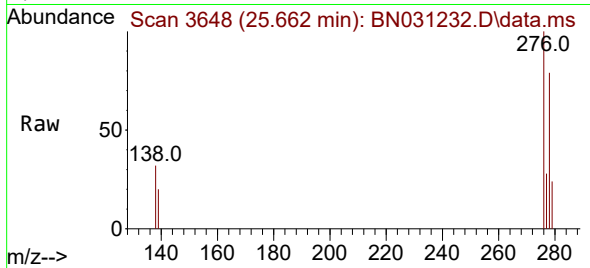




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.600 ng  
RT: 25.662 min Scan# 30  
Delta R.T. -0.021 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

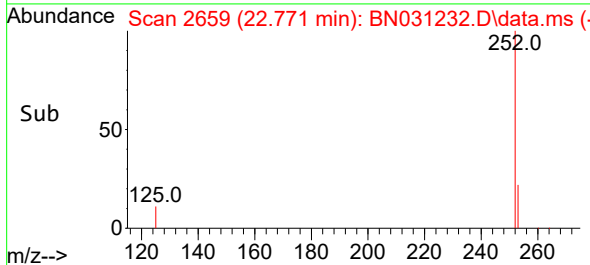
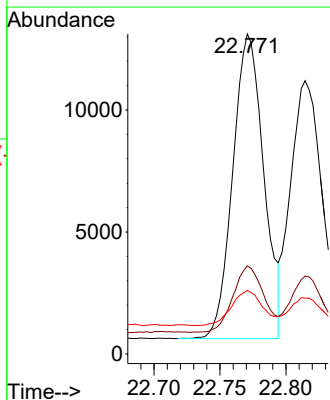
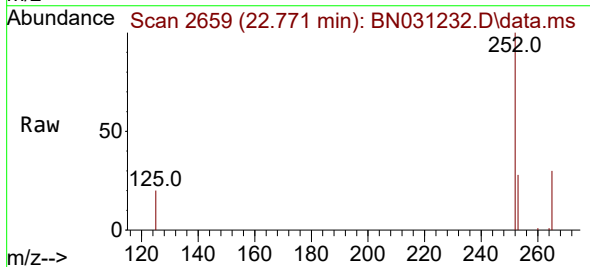
Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

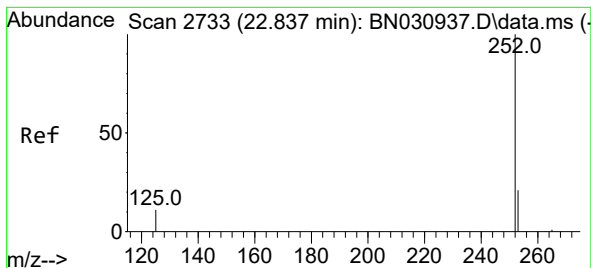
Tgt Ion:276 Resp: 17856  
Ion Ratio Lower Upper  
276 100  
138 29.3 23.1 34.7  
277 25.3 19.9 29.9



#37  
Benzo(b)fluoranthene  
Concen: 0.772 ng  
RT: 22.771 min Scan# 2659  
Delta R.T. -0.015 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:252 Resp: 20385  
Ion Ratio Lower Upper  
252 100  
253 27.6 20.2 30.2  
125 19.9 13.4 20.2





#38

Benzo(k)fluoranthene

Concen: 0.695 ng

RT: 22.815 min Scan# 2

Delta R.T. -0.015 min

Lab File: BN031232.D

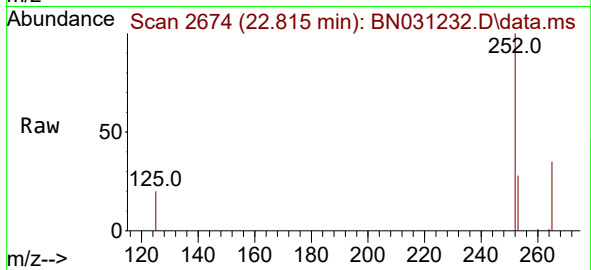
Acq: 25 Apr 2024 22:33

Instrument :

BNA\_N

ClientSampleId :

PB160504BS



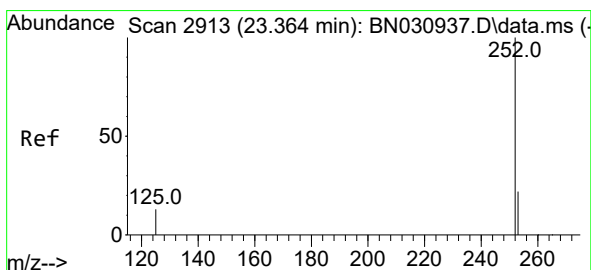
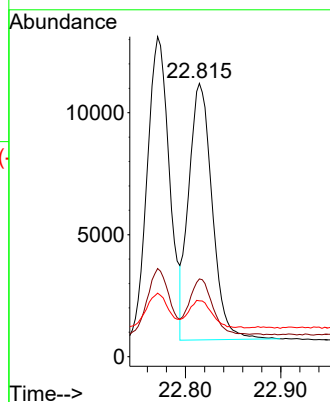
Tgt Ion:252 Resp: 17976

Ion Ratio Lower Upper

252 100

253 28.5 19.9 29.9

125 20.4 13.2 19.8#



#39

Benzo(a)pyrene

Concen: 0.497 ng

RT: 23.341 min Scan# 2854

Delta R.T. -0.015 min

Lab File: BN031232.D

Acq: 25 Apr 2024 22:33

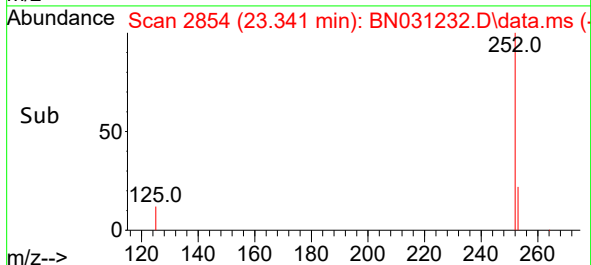
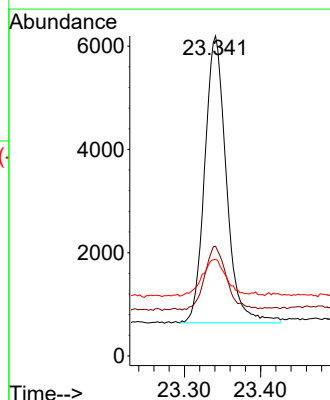
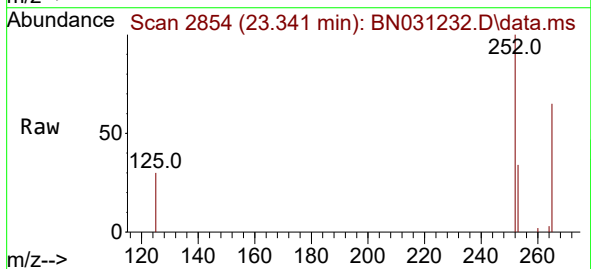
Tgt Ion:252 Resp: 10918

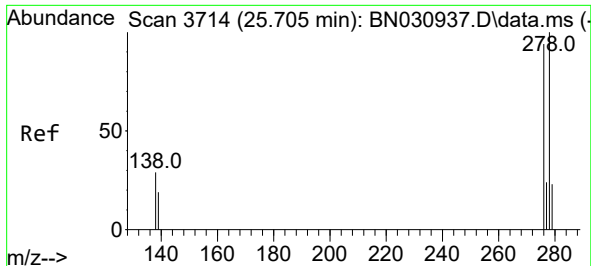
Ion Ratio Lower Upper

252 100

253 34.3 21.4 32.2#

125 30.2 16.6 25.0#

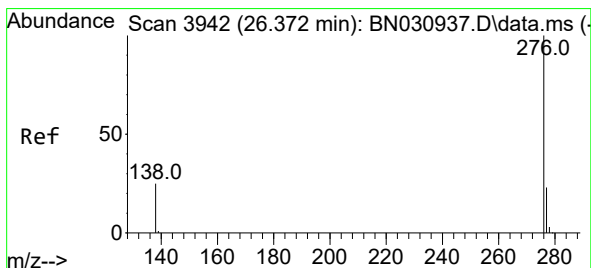
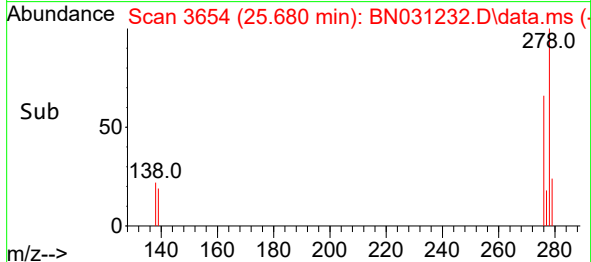
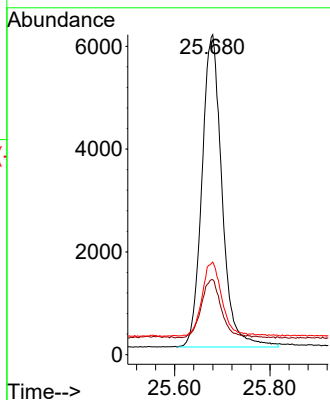
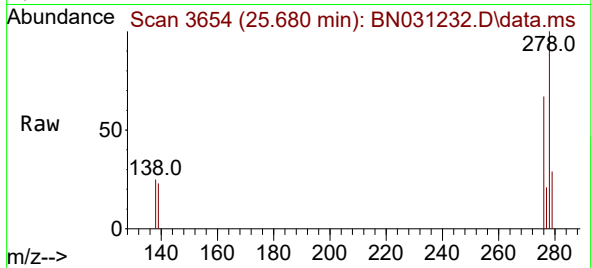




#40  
Dibenzo(a,h)anthracene  
Concen: 0.746 ng  
RT: 25.680 min Scan# 3081  
Delta R.T. -0.021 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Instrument :  
BNA\_N  
ClientSampleId :  
PB160504BS

Tgt Ion:278 Resp: 17782  
Ion Ratio Lower Upper  
278 100  
139 23.5 16.3 24.5  
279 28.9 20.6 31.0



#41  
Benzo(g,h,i)perylene  
Concen: 0.529 ng  
RT: 26.343 min Scan# 3881  
Delta R.T. -0.029 min  
Lab File: BN031232.D  
Acq: 25 Apr 2024 22:33

Tgt Ion:276 Resp: 13884  
Ion Ratio Lower Upper  
276 100  
277 27.9 19.4 29.2  
138 29.1 21.0 31.4

