

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073124\  
 Data File : BN033120.D  
 Acq On : 31 Jul 2024 01:25  
 Operator : MA/JU  
 Sample : PB162359BS  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB162359BS

Quant Time: Jul 31 03:43:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 10:37:08 2024  
 Response via : Initial Calibration

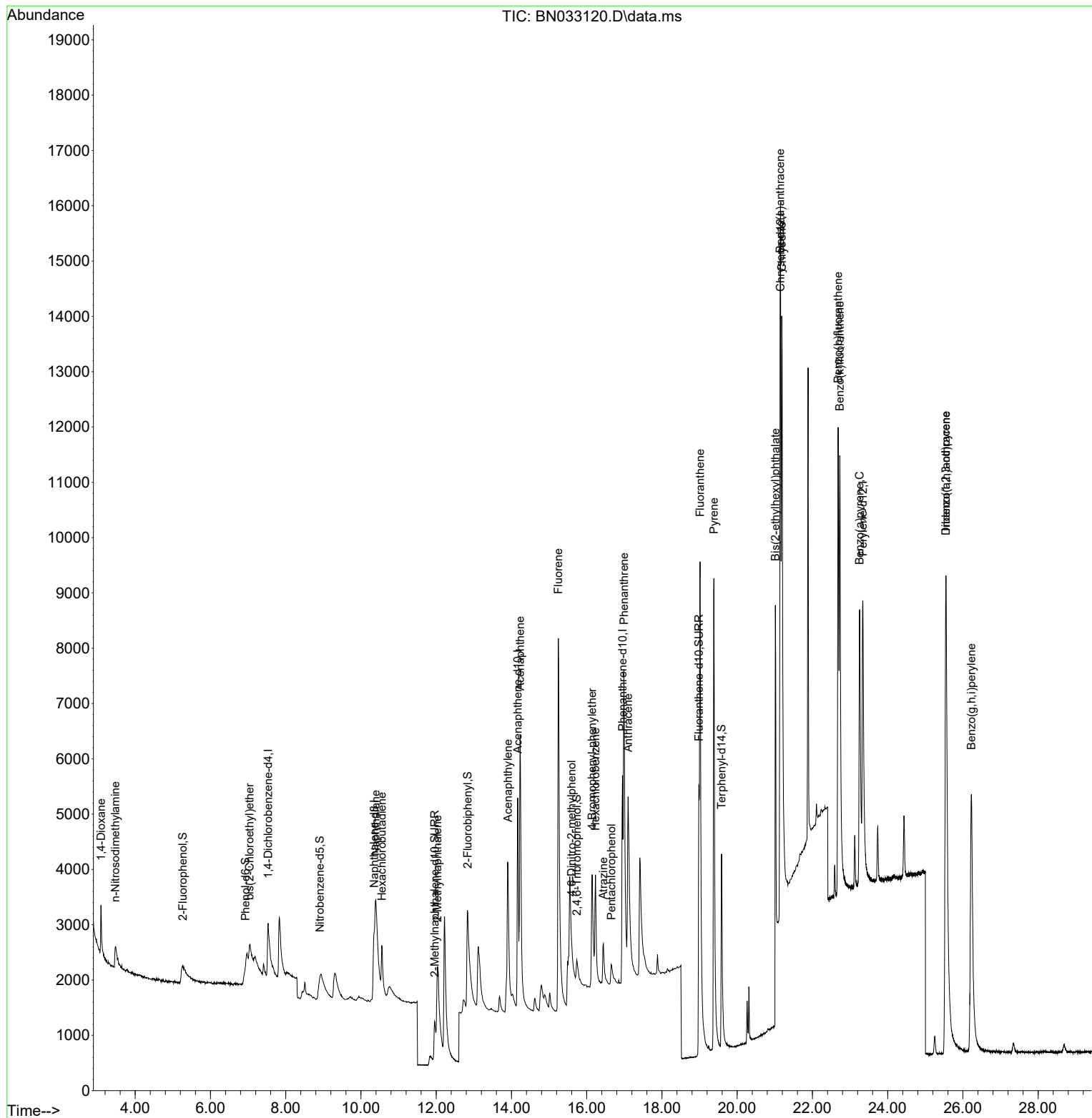
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.532  | 152  | 1303     | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.351 | 136  | 5216     | 0.400 | ng    | # 0.02   |
| 13) Acenaphthene-d10          | 14.165 | 164  | 3726     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.952 | 188  | 8881     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.149 | 240  | 8995     | 0.400 | ng    | -0.01    |
| 35) Perylene-d12              | 23.339 | 264  | 9641     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.264  | 112  | 1244     | 0.377 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.932  | 99   | 504      | 0.123 | ng    | 0.03     |
| 8) Nitrobenzene-d5            | 8.910  | 82   | 1472     | 0.375 | ng    | 0.05     |
| 11) 2-Methylnaphthalene-d10   | 11.958 | 152  | 3103     | 0.389 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.736 | 330  | 506      | 0.318 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.839 | 172  | 5020     | 0.362 | ng    | 0.02     |
| 27) Fluoranthene-d10          | 18.980 | 212  | 9534     | 0.415 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.584 | 244  | 6276     | 0.340 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.090  | 88   | 733      | 0.454 | ng    | # 82     |
| 3) n-Nitrosodimethylamine     | 3.473  | 42   | 652      | 0.478 | ng    | # 83     |
| 6) bis(2-Chloroethyl)ether    | 7.041  | 93   | 1302     | 0.381 | ng    | 93       |
| 9) Naphthalene                | 10.394 | 128  | 5697     | 0.394 | ng    | # 90     |
| 10) Hexachlorobutadiene       | 10.554 | 225  | 1058     | 0.383 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.033 | 142  | 3330     | 0.353 | ng    | # 95     |
| 16) Acenaphthylene            | 13.908 | 152  | 5841     | 0.385 | ng    | 99       |
| 17) Acenaphthene              | 14.229 | 154  | 4214     | 0.392 | ng    | 99       |
| 18) Fluorene                  | 15.245 | 166  | 5817     | 0.405 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 26       | 0.307 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.145 | 248  | 1743     | 0.334 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.232 | 284  | 1912     | 0.327 | ng    | # 90     |
| 23) Atrazine                  | 16.443 | 200  | 1282     | 0.334 | ng    | 94       |
| 24) Pentachlorophenol         | 16.654 | 266  | 509      | 0.234 | ng    | 99       |
| 25) Phenanthrene              | 16.989 | 178  | 8953     | 0.369 | ng    | 100      |
| 26) Anthracene                | 17.101 | 178  | 6327     | 0.317 | ng    | 100      |
| 28) Fluoranthene              | 19.013 | 202  | 12444    | 0.424 | ng    | 100      |
| 30) Pyrene                    | 19.380 | 202  | 12992    | 0.354 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.140 | 228  | 10157    | 0.357 | ng    | 99       |
| 33) Chrysene                  | 21.185 | 228  | 13875    | 0.410 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.015 | 149  | 8682     | 0.551 | ng    | # 94     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.549 | 276  | 14915    | 0.392 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.684 | 252  | 11644    | 0.347 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.728 | 252  | 14429    | 0.376 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.254 | 252  | 11095    | 0.366 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.546 | 278  | 11849    | 0.395 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.227 | 276  | 13646    | 0.410 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

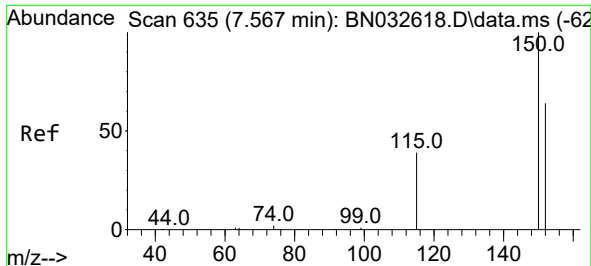
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073124\  
Data File : BN033120.D  
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Operator : MA/JU  
Sample : PB162359BS  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

Quant Time: Jul 31 03:43:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 29 10:37:08 2024  
Response via : Initial Calibration

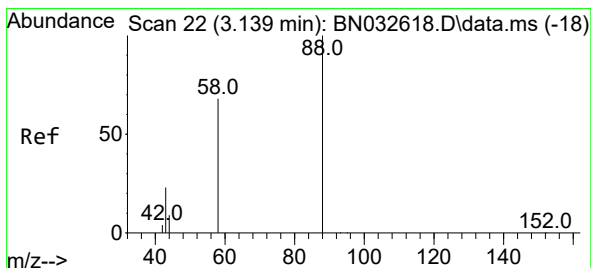
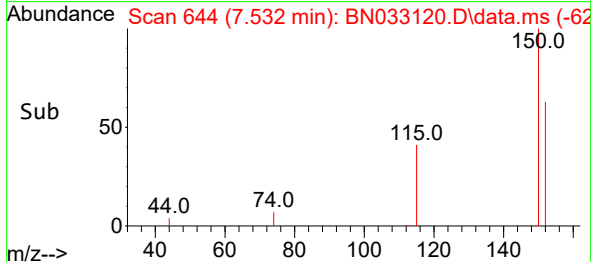
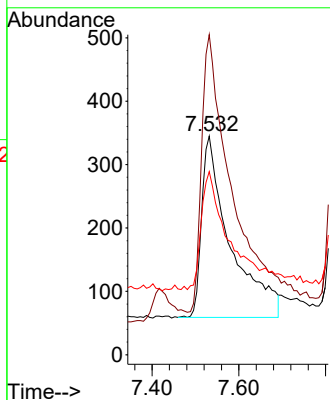
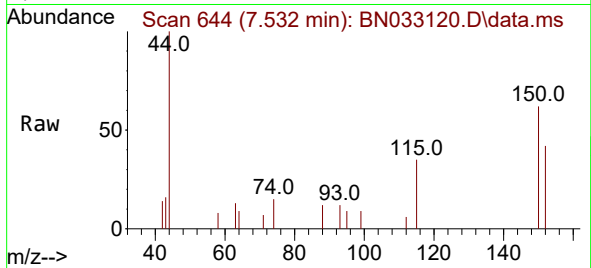




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.532 min Scan# 64  
 Delta R.T. 0.008 min  
 Lab File: BN033120.D  
 Acq: 31 Jul 2024 01:25

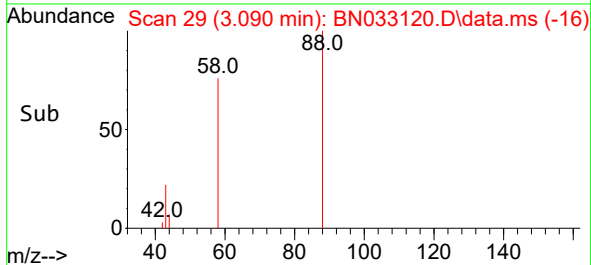
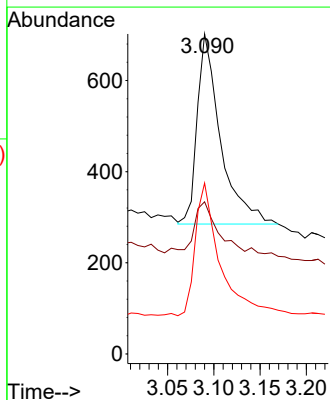
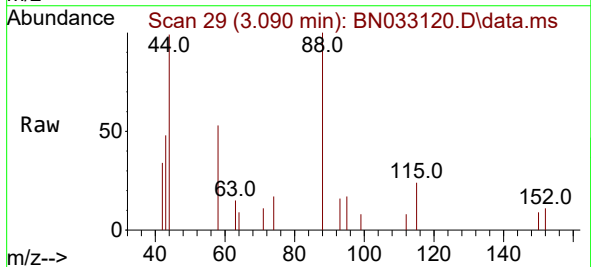
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB162359BS

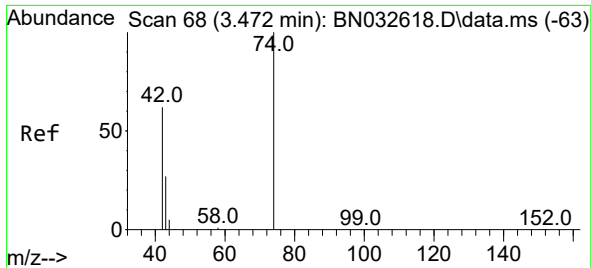
Tgt Ion:152 Resp: 1303  
 Ion Ratio Lower Upper  
 152 100  
 150 146.4 123.8 185.6  
 115 83.8 52.8 79.2#



#2  
 1,4-Dioxane  
 Concen: 0.454 ng  
 RT: 3.090 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN033120.D  
 Acq: 31 Jul 2024 01:25

Tgt Ion: 88 Resp: 733  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 18.4 27.6#  
 58 73.3 49.2 73.8

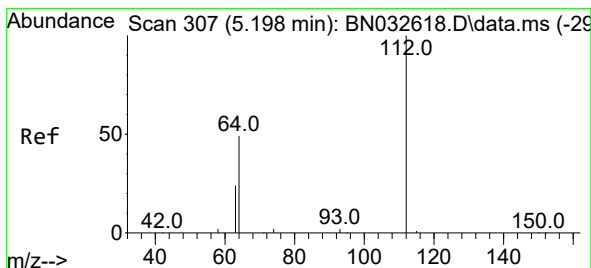
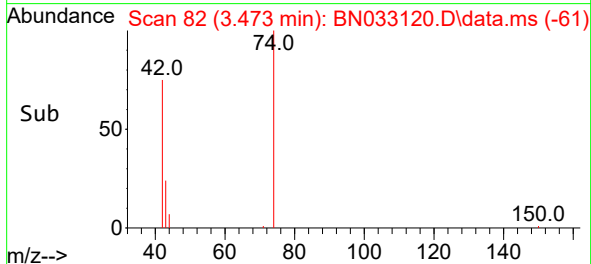
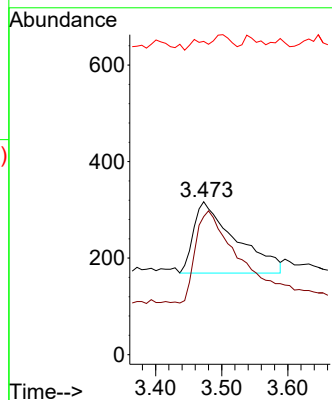
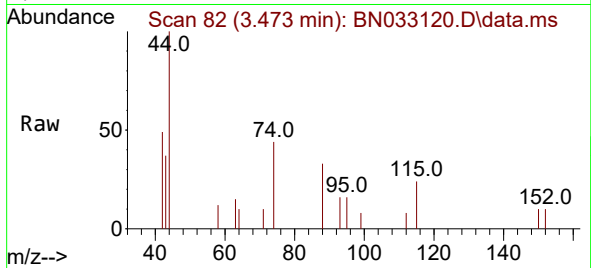




#3  
n-Nitrosodimethylamine  
Concen: 0.478 ng  
RT: 3.473 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

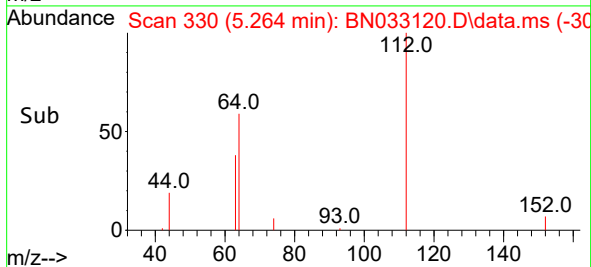
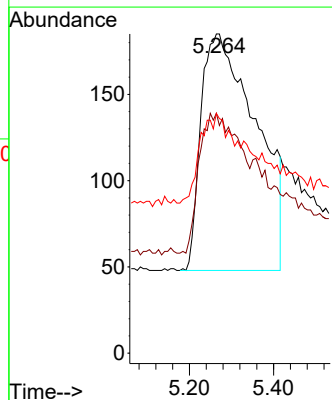
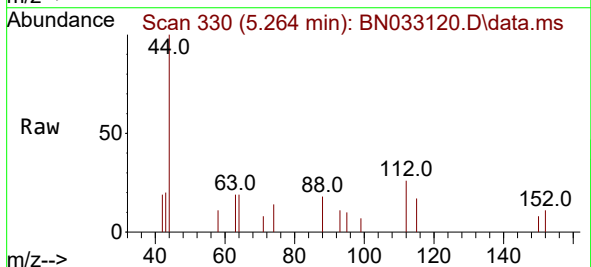
Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

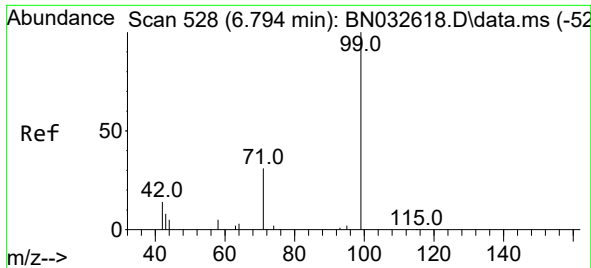
Tgt Ion: 42 Resp: 652  
Ion Ratio Lower Upper  
42 100  
74 136.2 126.9 190.3  
44 0.0 4.8 7.2#



#4  
2-Fluorophenol  
Concen: 0.377 ng  
RT: 5.264 min Scan# 330  
Delta R.T. 0.022 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion: 112 Resp: 1244  
Ion Ratio Lower Upper  
112 100  
64 0.0 40.2 60.4#  
63 0.0 22.2 33.4#

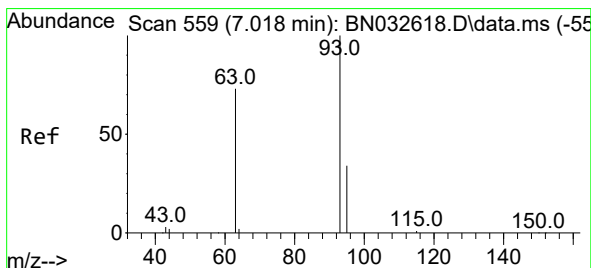
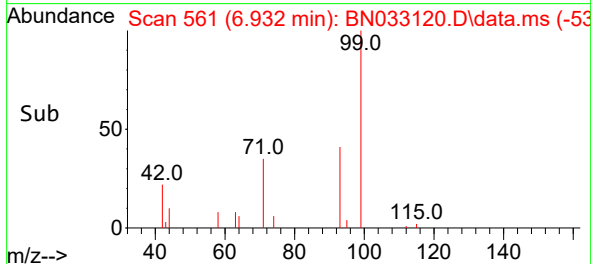
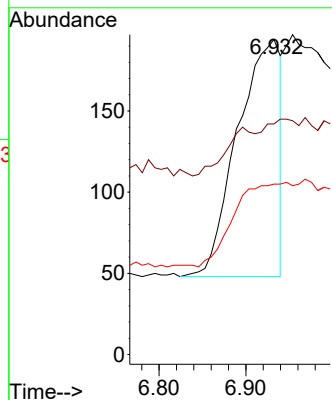
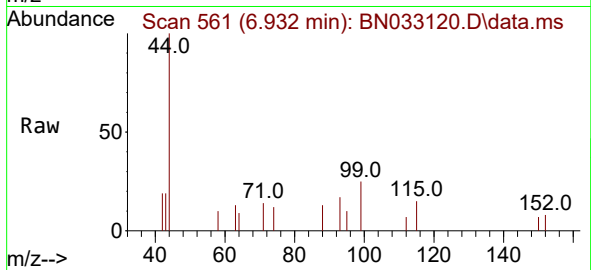




#5  
Phenol-d6  
Concen: 0.123 ng  
RT: 6.932 min Scan# 504  
Delta R.T. 0.029 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

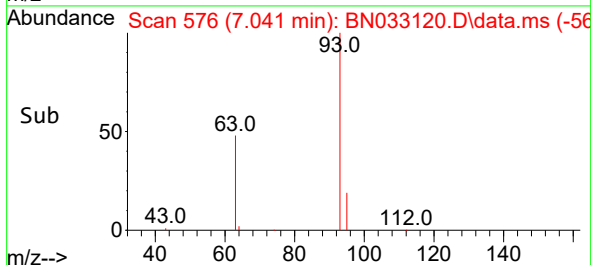
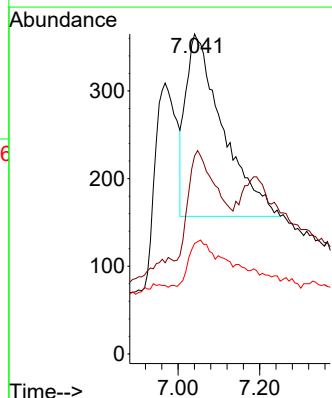
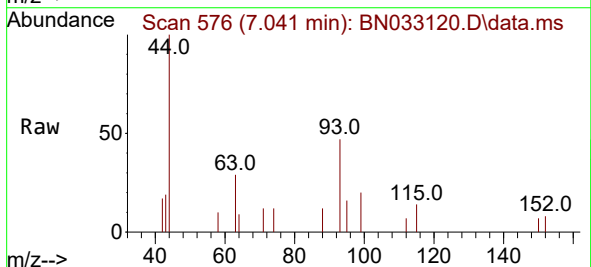
Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

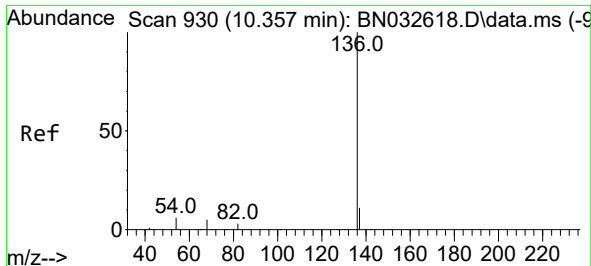
Tgt Ion: 99 Resp: 504  
Ion Ratio Lower Upper  
99 100  
42 0.0 10.5 15.7#  
71 10.7 22.3 33.5#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.381 ng  
RT: 7.041 min Scan# 576  
Delta R.T. 0.015 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion: 93 Resp: 1302  
Ion Ratio Lower Upper  
93 100  
63 50.8 46.4 69.6  
95 31.3 25.5 38.3

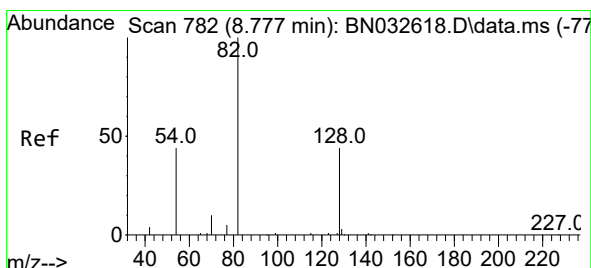
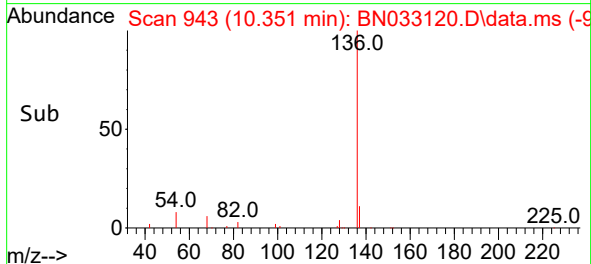
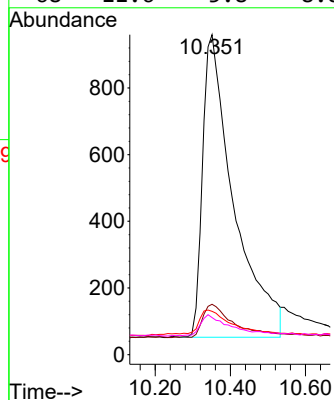
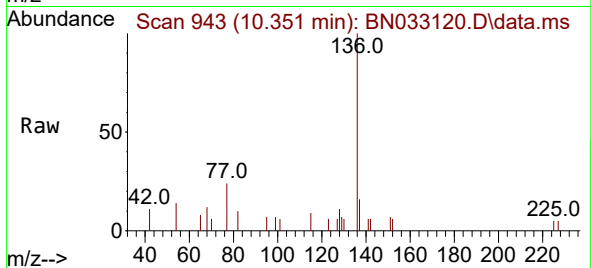




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 94  
Delta R.T. 0.022 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

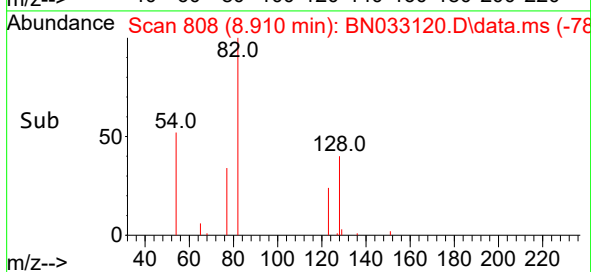
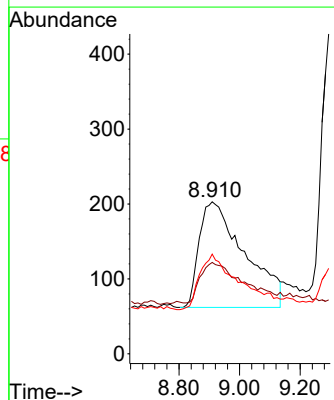
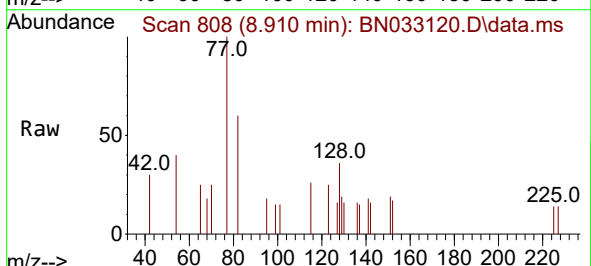
Instrument :  
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ClientSampleId :  
PB162359BS

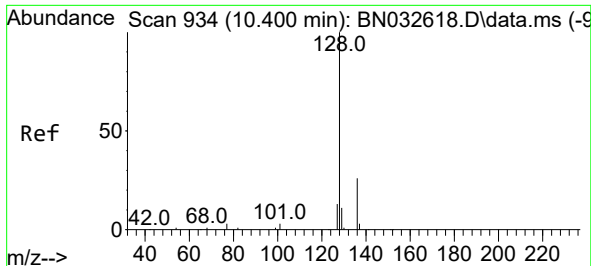
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 5216  |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 15.7  | 9.9   | 14.9# |
| 54        | 13.5  | 6.5   | 9.7#  |
| 68        | 11.6  | 5.8   | 8.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.375 ng  
RT: 8.910 min Scan# 808  
Delta R.T. 0.054 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 1472  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 60.1  | 41.7  | 62.5  |
| 54        | 65.5  | 39.5  | 59.3# |

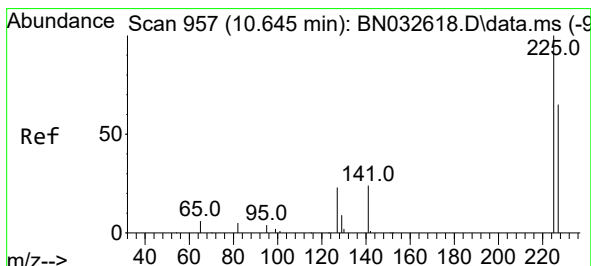
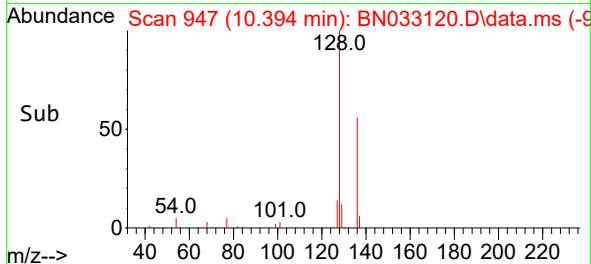
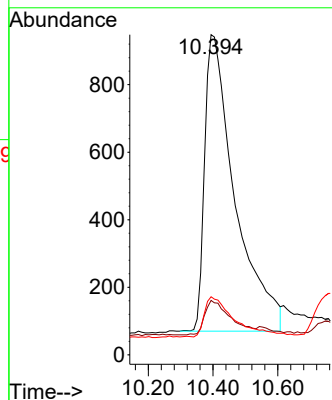
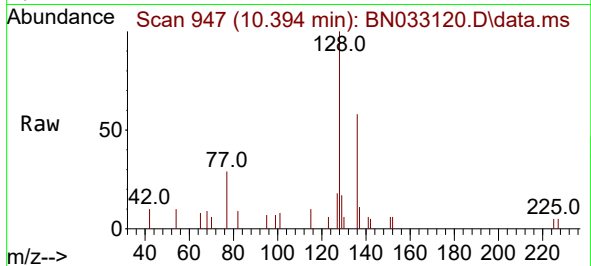




#9  
Naphthalene  
Concen: 0.394 ng  
RT: 10.394 min Scan# 941  
Delta R.T. 0.011 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

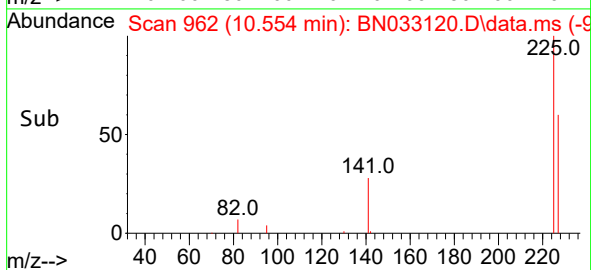
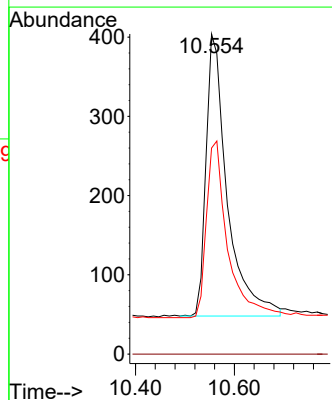
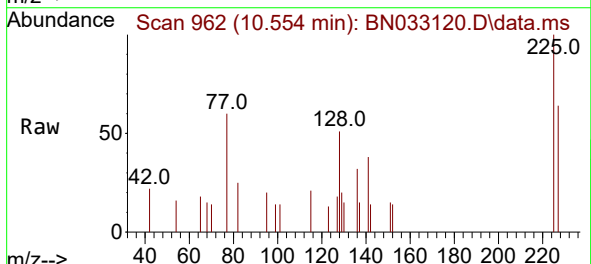
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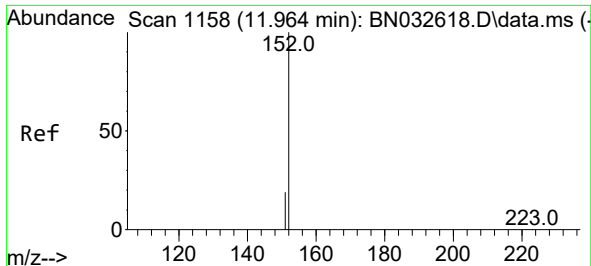
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Ion Ratio Lower Upper  
128 100  
129 17.0 9.8 14.8#  
127 18.1 11.5 17.3#



#10  
Hexachlorobutadiene  
Concen: 0.383 ng  
RT: 10.554 min Scan# 962  
Delta R.T. -0.011 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:225 Resp: 1058  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.8 51.3 76.9

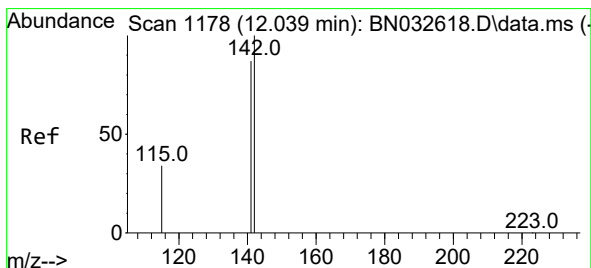
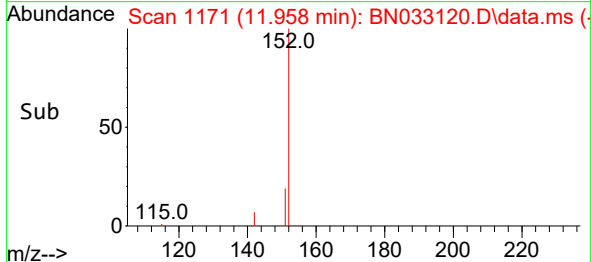
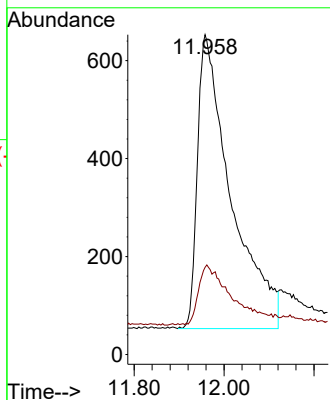
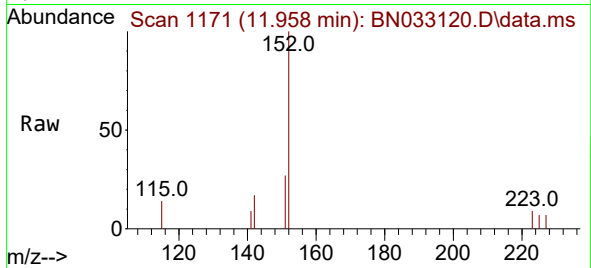




#11  
2-Methylnaphthalene-d10  
Concen: 0.389 ng  
RT: 11.958 min Scan# 1191  
Delta R.T. 0.012 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

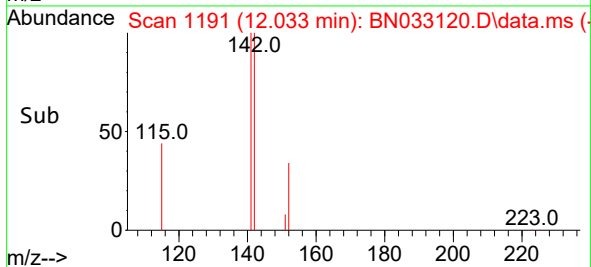
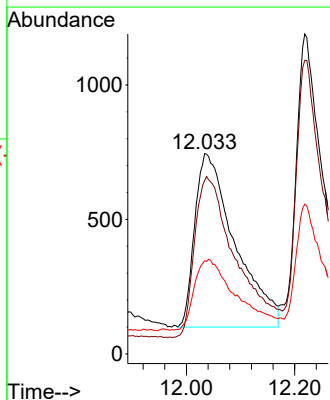
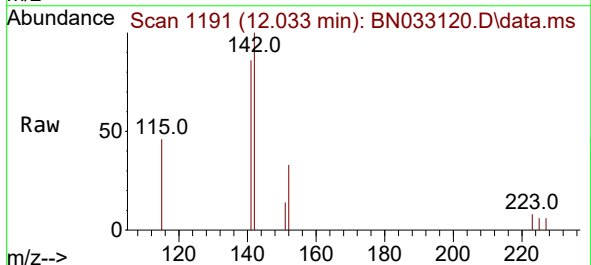
Instrument :  
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ClientSampleId :  
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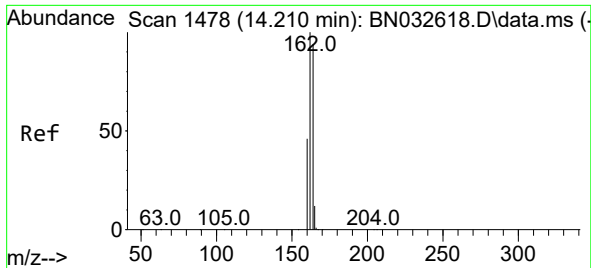
Tgt Ion:152 Resp: 3103  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.353 ng  
RT: 12.033 min Scan# 1191  
Delta R.T. 0.012 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

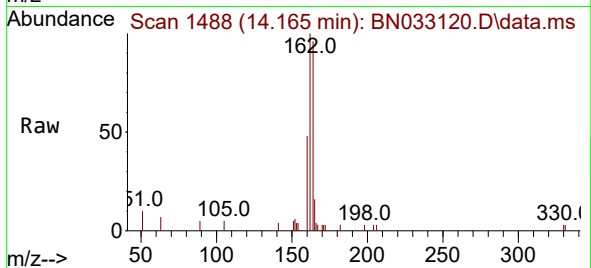
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Ion Ratio Lower Upper  
142 100  
141 86.4 69.3 103.9  
115 46.4 29.5 44.3#



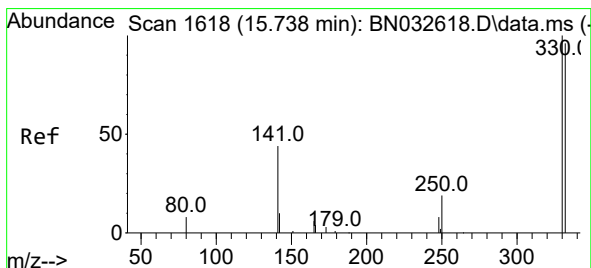
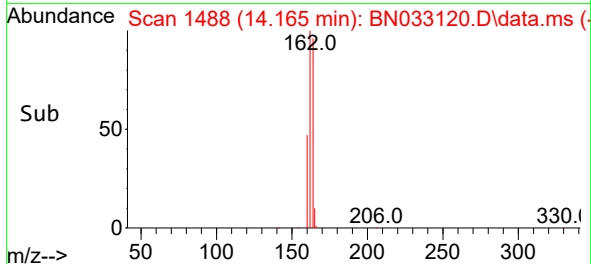
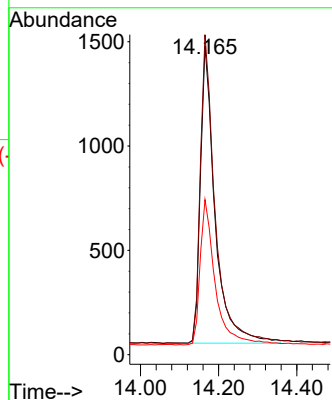


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.165 min Scan# 14  
Delta R.T. -0.004 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

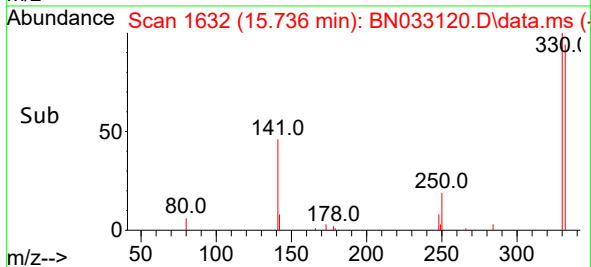
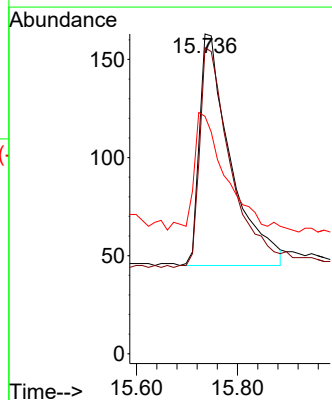
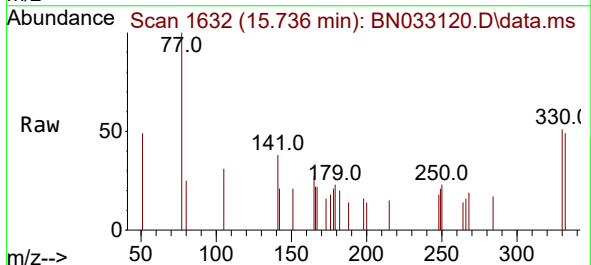


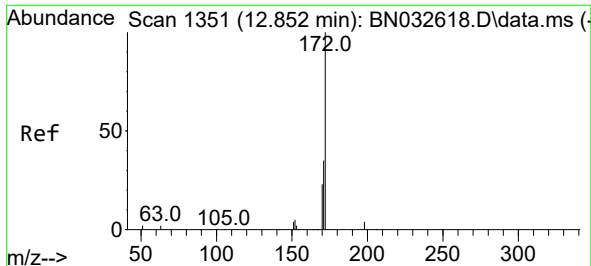
Tgt Ion:164 Resp: 3726  
Ion Ratio Lower Upper  
164 100  
162 103.6 85.0 127.4  
160 50.2 39.4 59.2



#14  
2,4,6-Tribromophenol  
Concen: 0.318 ng  
RT: 15.736 min Scan# 1632  
Delta R.T. -0.005 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:330 Resp: 506  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.8 116.8  
141 50.4 34.2 51.2

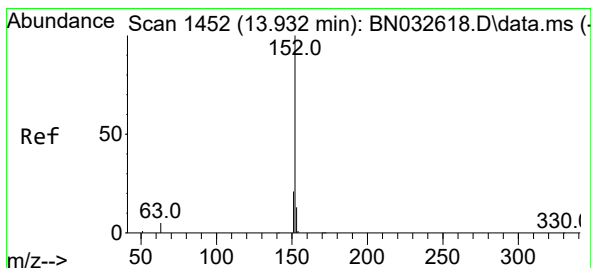
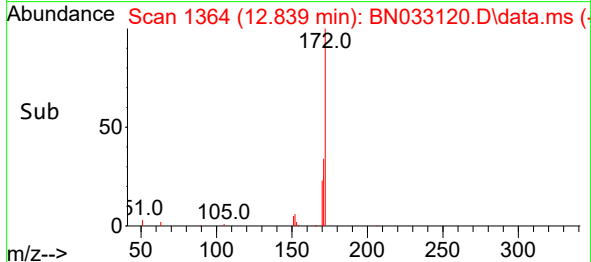
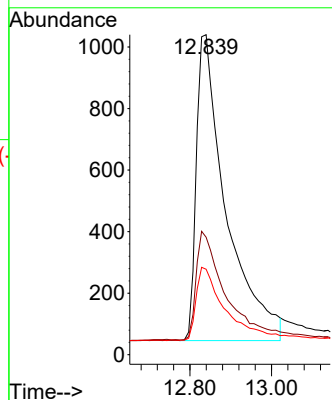
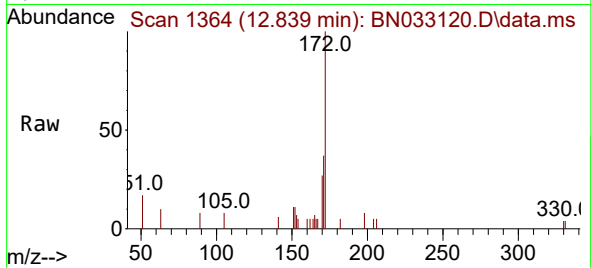




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 12.839 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

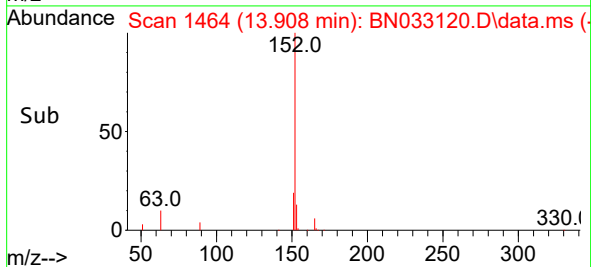
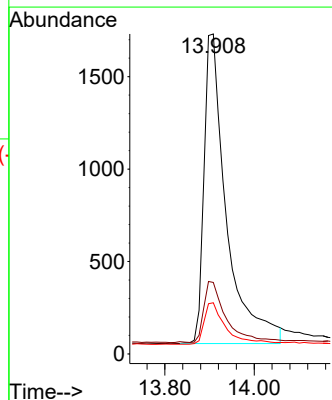
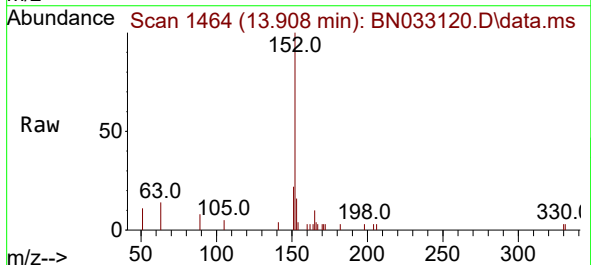
Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

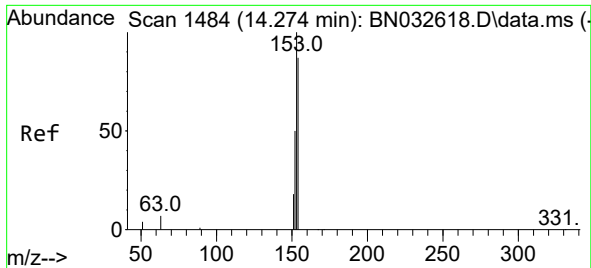
Tgt Ion:172 Resp: 5020  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.6 43.0  
170 26.7 19.0 28.6



#16  
Acenaphthylene  
Concen: 0.385 ng  
RT: 13.908 min Scan# 1464  
Delta R.T. 0.007 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:152 Resp: 5841  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.0 24.0  
153 12.8 10.6 15.8

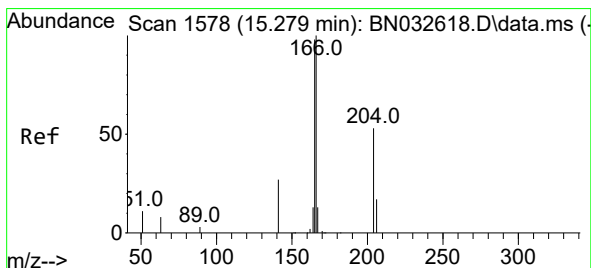
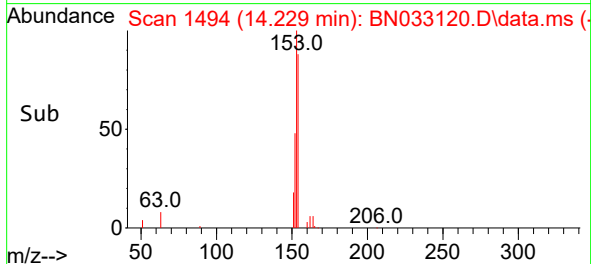
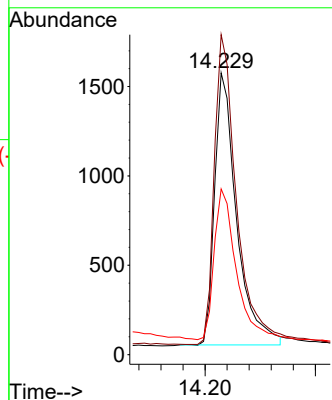
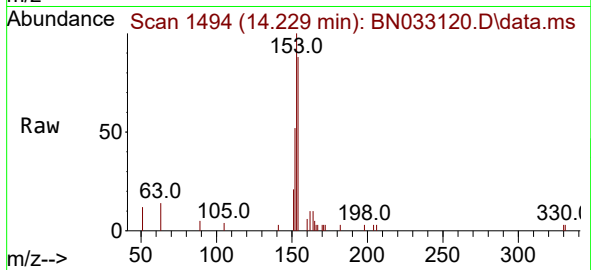




#17  
Acenaphthene  
Concen: 0.392 ng  
RT: 14.229 min Scan# 1484  
Delta R.T. -0.004 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

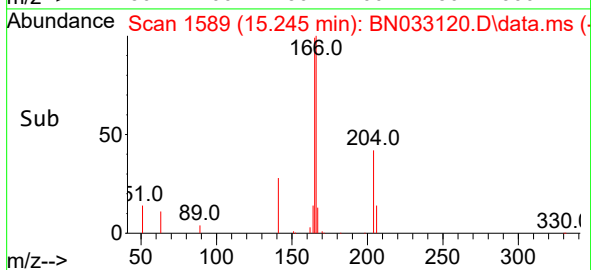
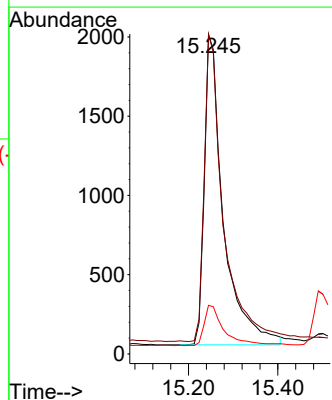
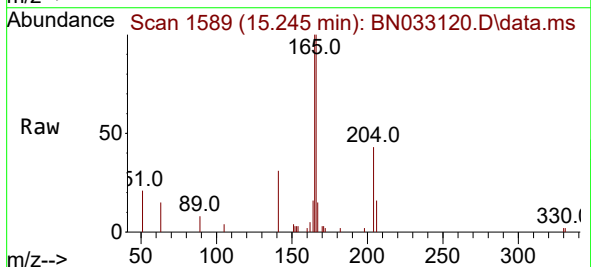
Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

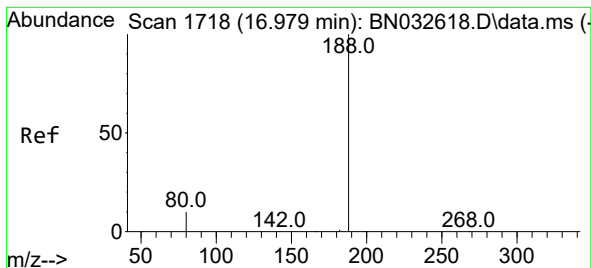
Tgt Ion:154 Resp: 4214  
Ion Ratio Lower Upper  
154 100  
153 115.1 91.8 137.8  
152 55.4 45.2 67.8



#18  
Fluorene  
Concen: 0.405 ng  
RT: 15.245 min Scan# 1589  
Delta R.T. -0.004 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:166 Resp: 5817  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.0 117.0  
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.952 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

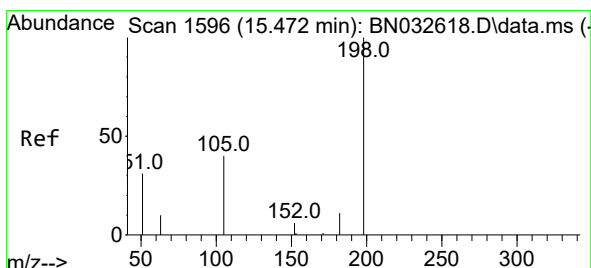
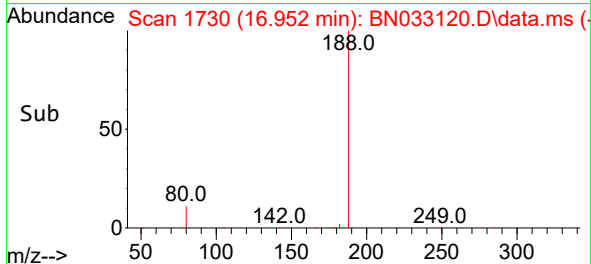
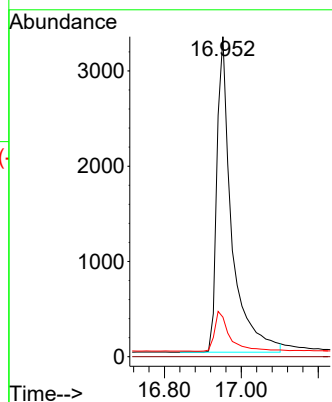
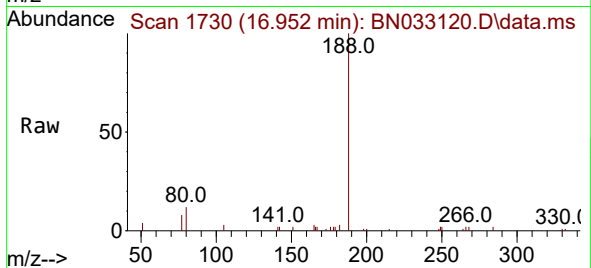
Tgt Ion:188 Resp: 8881

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.307 ng

RT: 15.599 min Scan# 1621

Delta R.T. 0.007 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

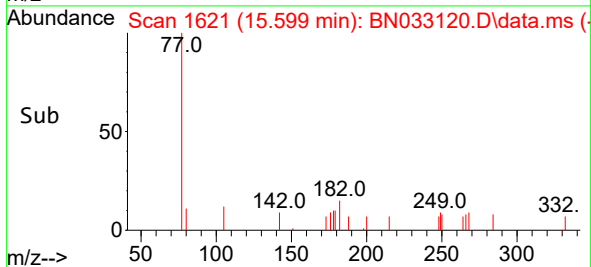
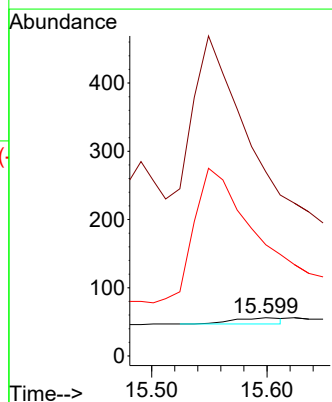
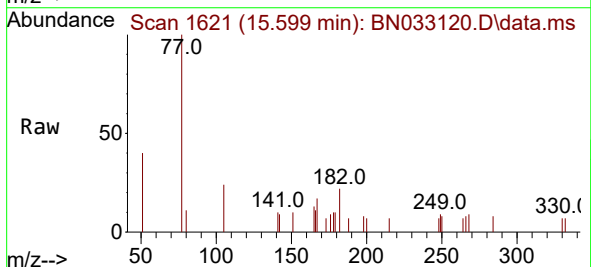
Tgt Ion:198 Resp: 26

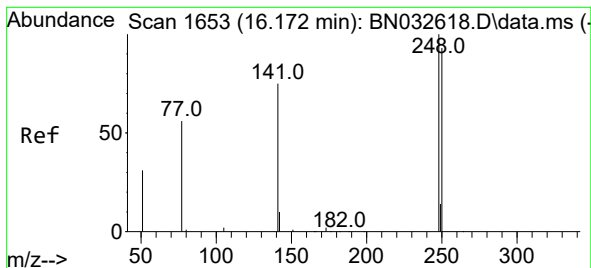
Ion Ratio Lower Upper

198 100

51 482.1 105.7 158.5#

105 291.1 63.0 94.6#

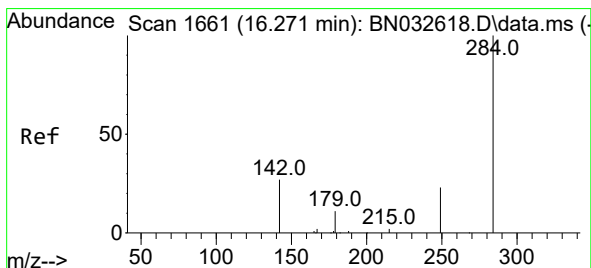
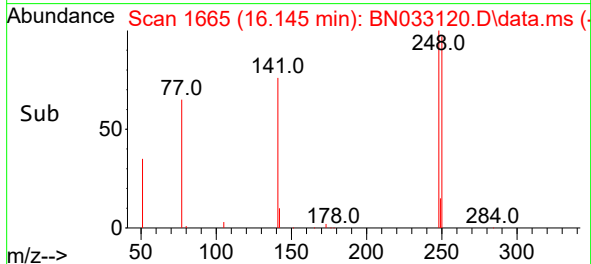
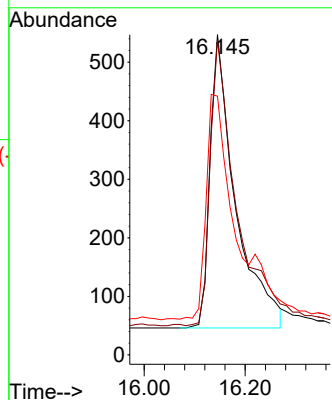
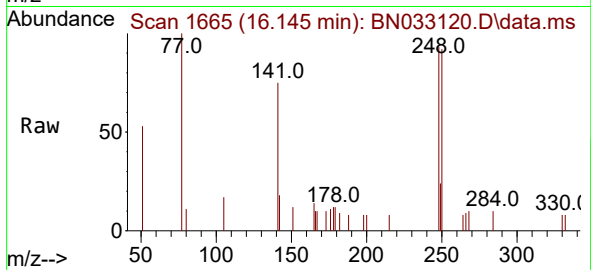




#21  
4-Bromophenyl-phenylether  
Concen: 0.334 ng  
RT: 16.145 min Scan# 1665  
Delta R.T. 0.007 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

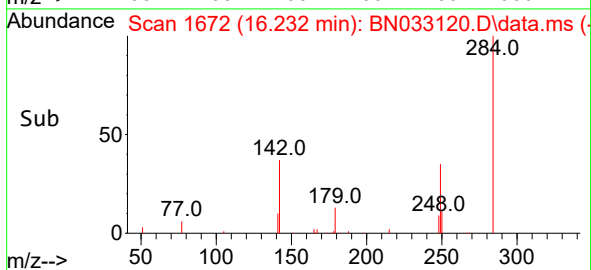
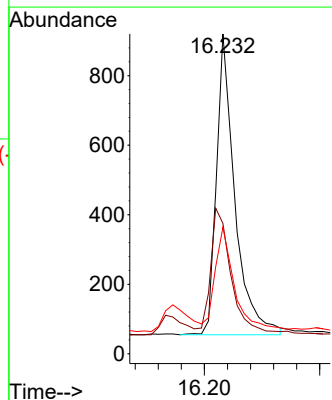
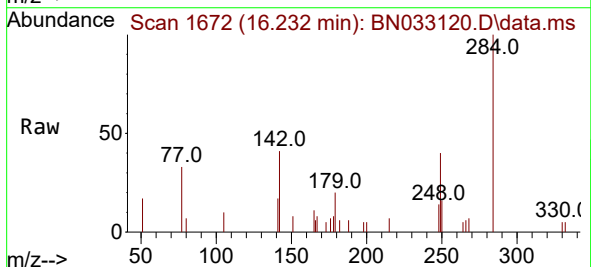
Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

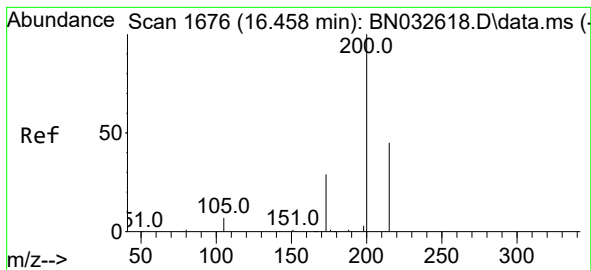
Tgt Ion:248 Resp: 1743  
Ion Ratio Lower Upper  
248 100  
250 98.4 75.1 112.7  
141 80.8 62.0 93.0



#22  
Hexachlorobenzene  
Concen: 0.327 ng  
RT: 16.232 min Scan# 1672  
Delta R.T. -0.005 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:284 Resp: 1912  
Ion Ratio Lower Upper  
284 100  
142 44.4 29.4 44.0#  
249 34.1 24.6 36.8





#23

Atrazine

Concen: 0.334 ng

RT: 16.443 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

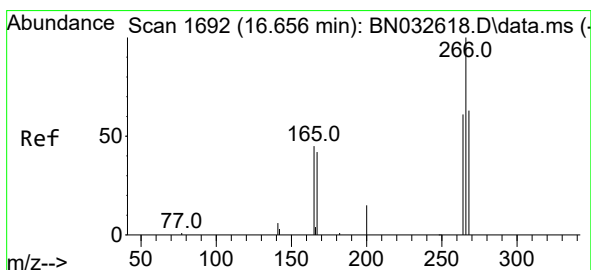
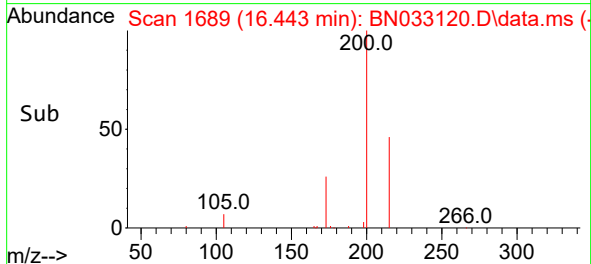
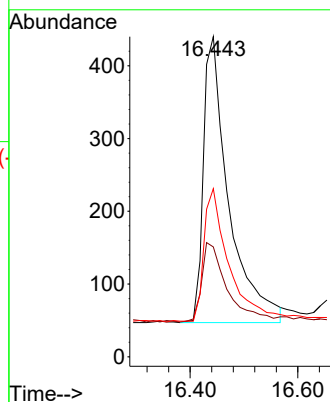
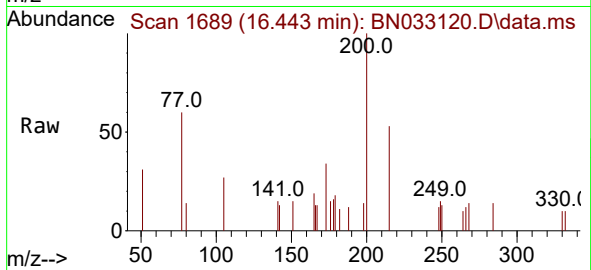
Tgt Ion:200 Resp: 1282

Ion Ratio Lower Upper

200 100

173 34.3 25.4 38.2

215 52.5 38.2 57.2



#24

Pentachlorophenol

Concen: 0.234 ng

RT: 16.654 min Scan# 1706

Delta R.T. -0.005 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

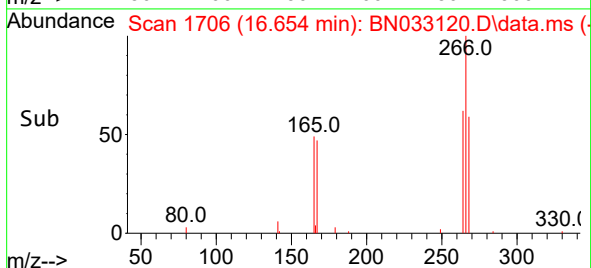
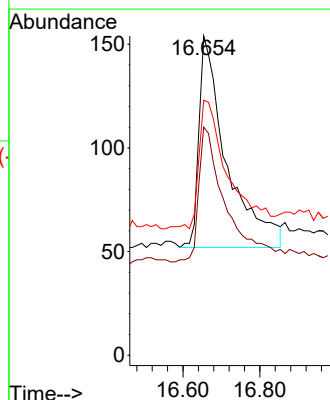
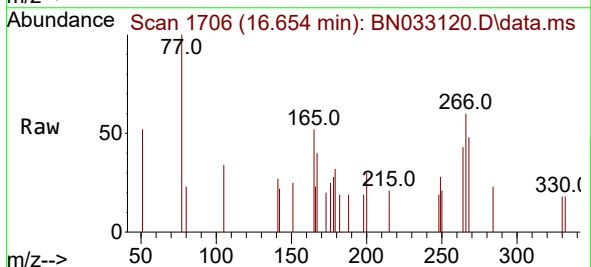
Tgt Ion:266 Resp: 509

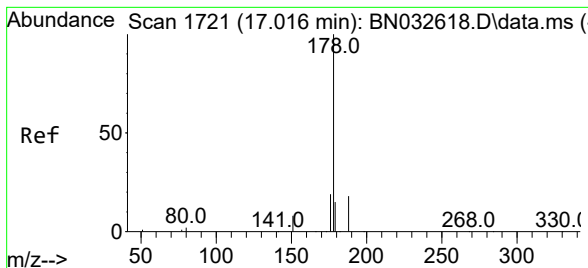
Ion Ratio Lower Upper

266 100

264 62.5 50.2 75.2

268 64.4 52.8 79.2





#25

Phenanthrene

Concen: 0.369 ng

RT: 16.989 min Scan# 1742

Delta R.T. -0.005 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

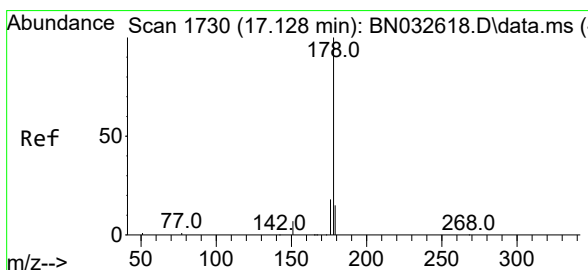
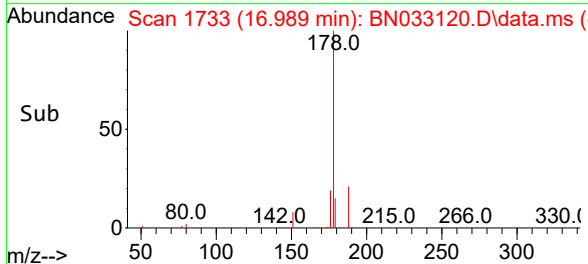
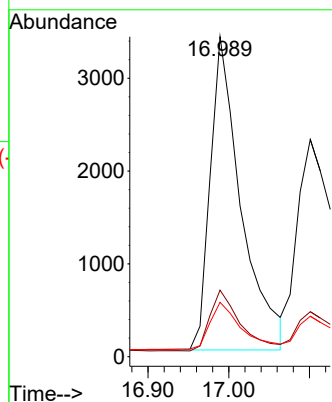
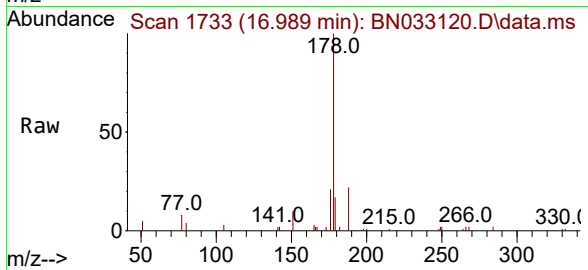
Tgt Ion:178 Resp: 8953

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.4 12.2 18.4



#26

Anthracene

Concen: 0.317 ng

RT: 17.101 min Scan# 1742

Delta R.T. -0.005 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

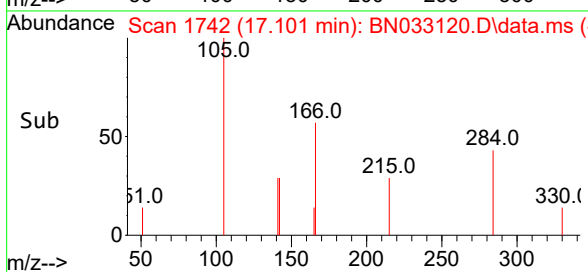
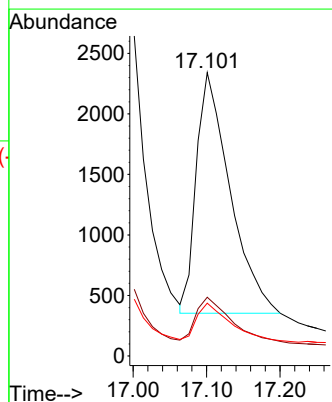
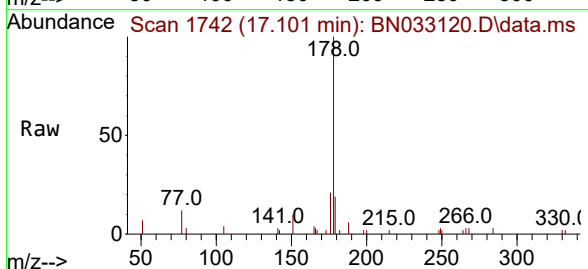
Tgt Ion:178 Resp: 6327

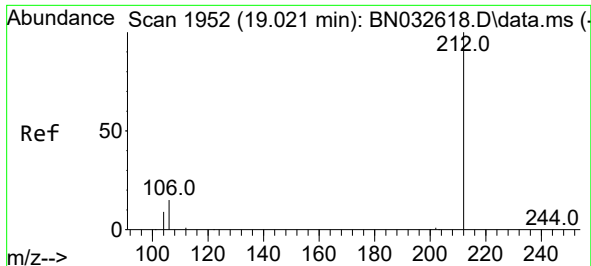
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.1 11.8 17.8





#27

Fluoranthene-d10

Concen: 0.415 ng

RT: 18.980 min Scan# 1956

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

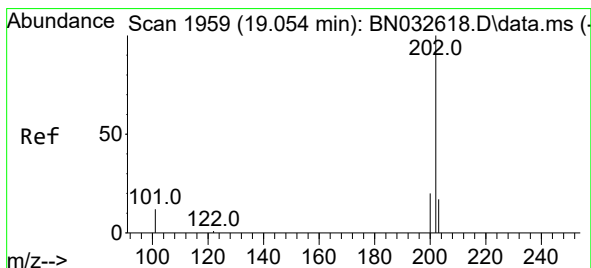
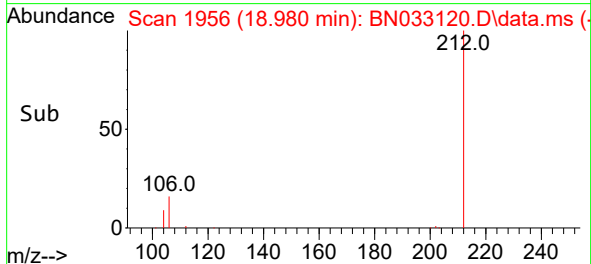
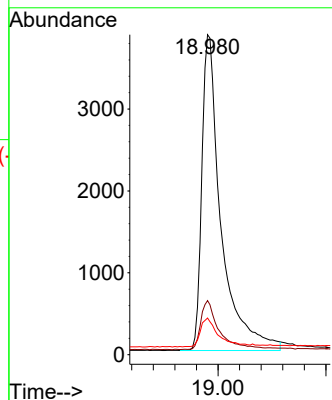
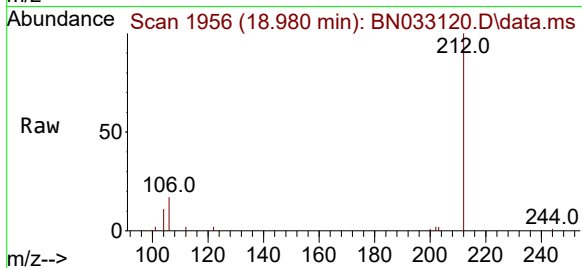
Tgt Ion:212 Resp: 9534

Ion Ratio Lower Upper

212 100

106 14.7 11.9 17.9

104 8.7 6.9 10.3



#28

Fluoranthene

Concen: 0.424 ng

RT: 19.013 min Scan# 1963

Delta R.T. -0.007 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

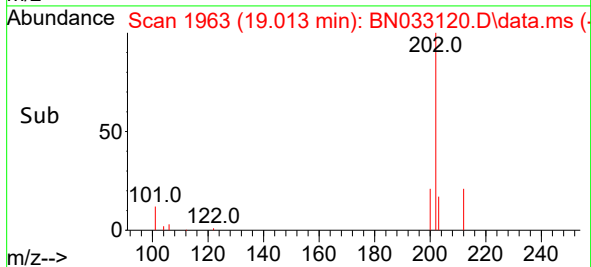
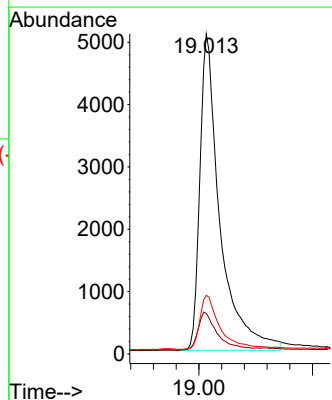
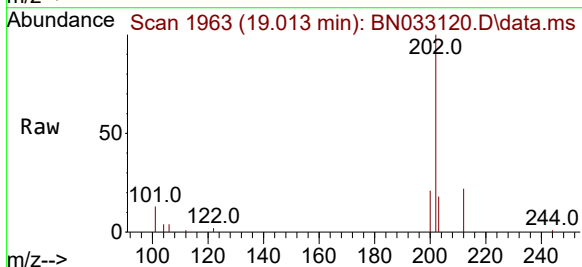
Tgt Ion:202 Resp: 12444

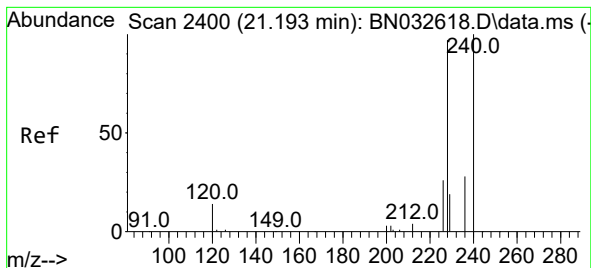
Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

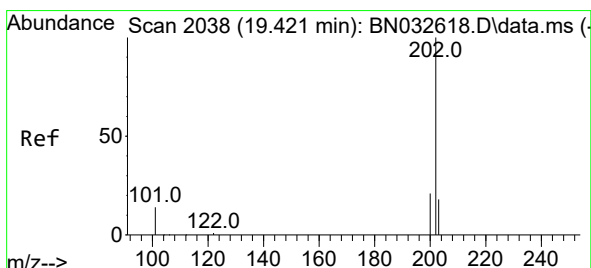
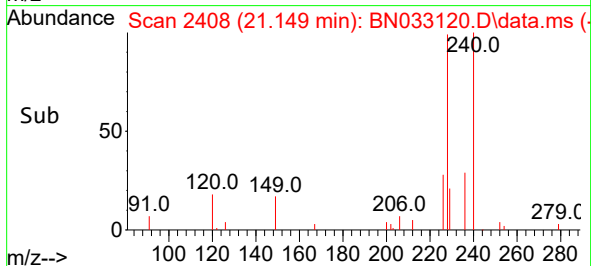
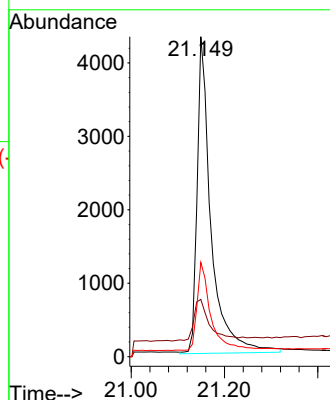
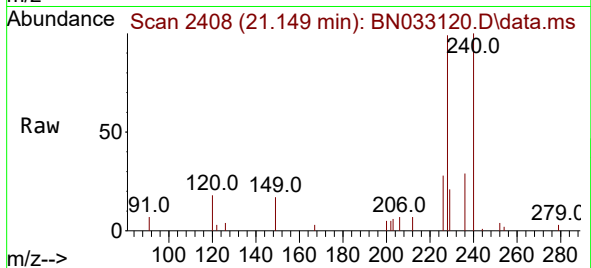
Tgt Ion:240 Resp: 8995

Ion Ratio Lower Upper

240 100

120 17.9 14.8 22.2

236 29.4 23.3 34.9



#30

Pyrene

Concen: 0.354 ng

RT: 19.380 min Scan# 2042

Delta R.T. -0.007 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

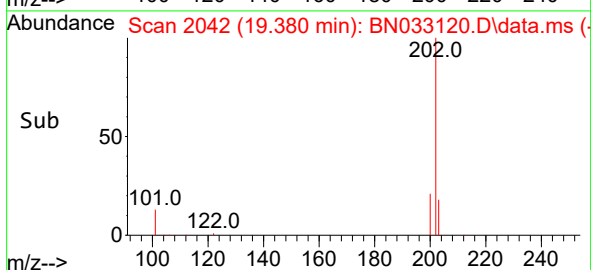
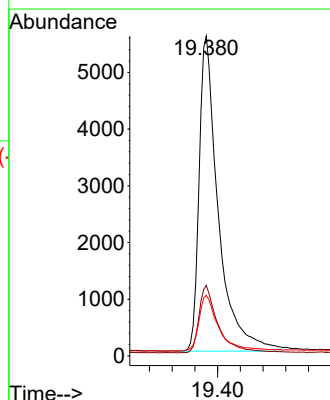
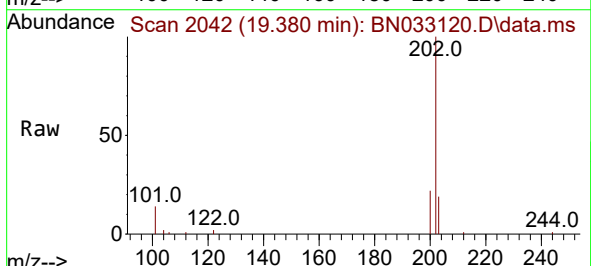
Tgt Ion:202 Resp: 12992

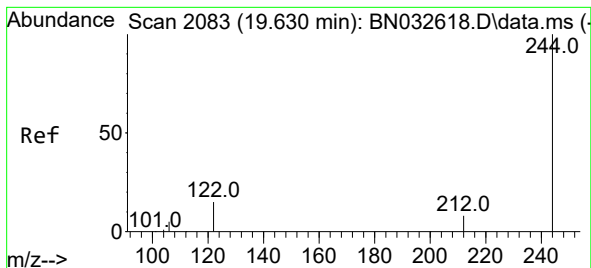
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 18.1 14.8 22.2





#31

Terphenyl-d14

Concen: 0.340 ng

RT: 19.584 min Scan# 2083

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

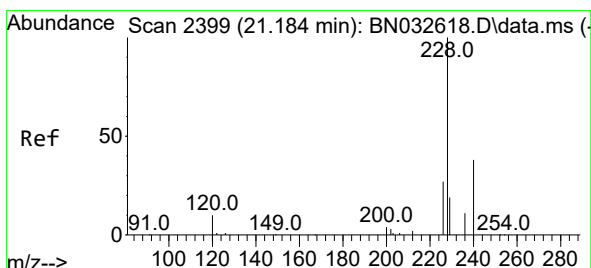
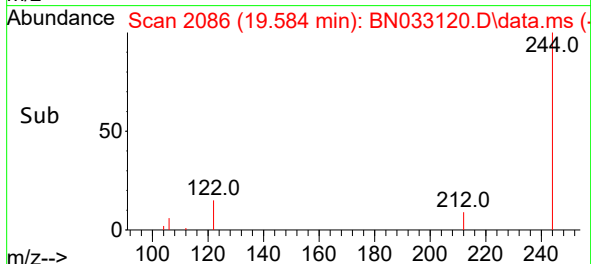
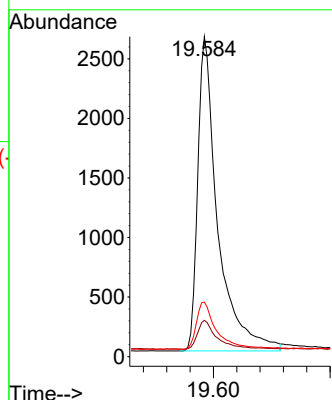
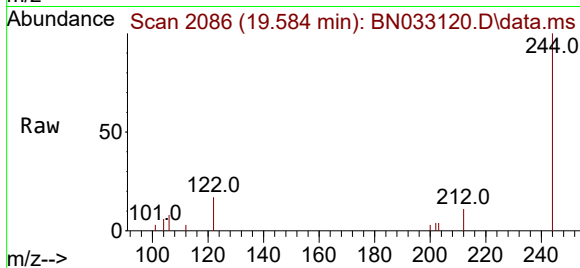
Tgt Ion:244 Resp: 6276

Ion Ratio Lower Upper

244 100

212 11.3 7.5 11.3#

122 17.1 12.6 19.0



#32

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.140 min Scan# 2407

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

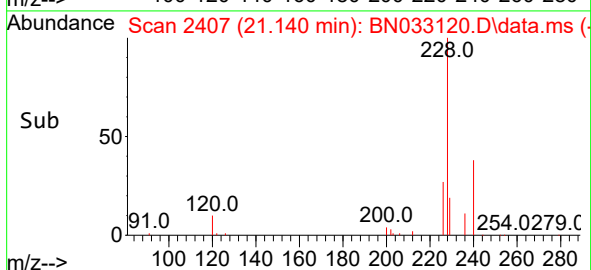
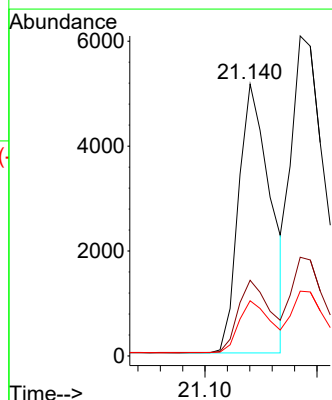
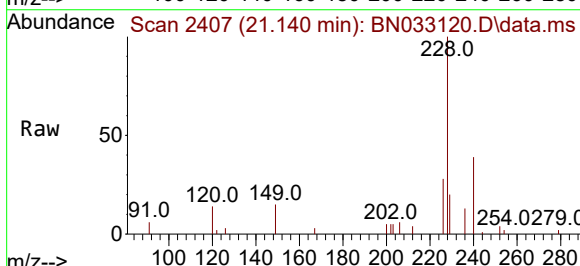
Tgt Ion:228 Resp: 10157

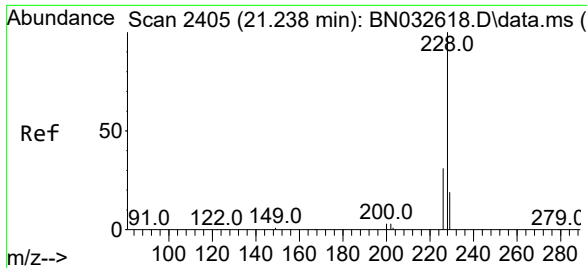
Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

229 20.3 16.0 24.0





#33

Chrysene

Concen: 0.410 ng

RT: 21.185 min Scan# 2405

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

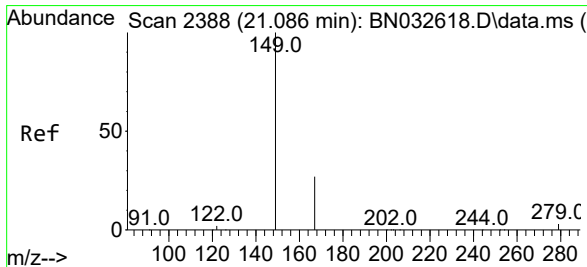
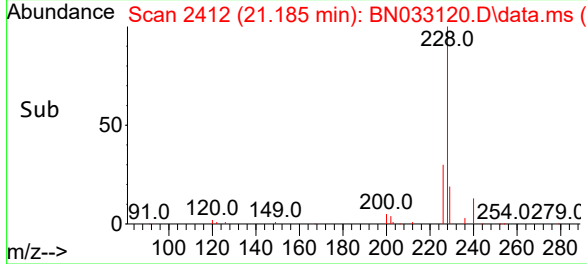
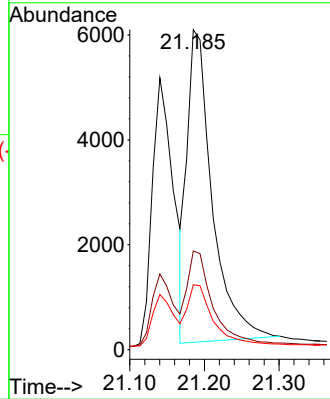
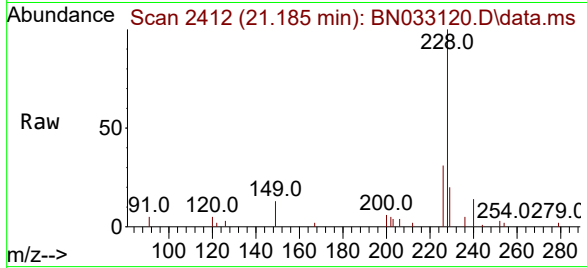
Tgt Ion:228 Resp: 13875

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 20.2 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.551 ng

RT: 21.015 min Scan# 2393

Delta R.T. -0.011 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

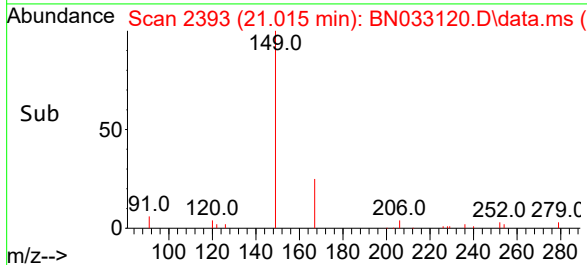
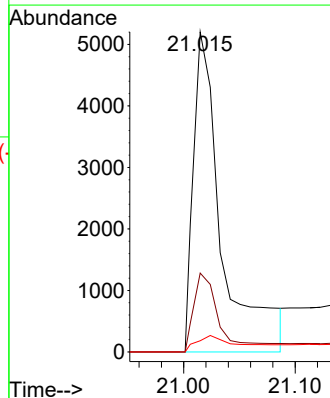
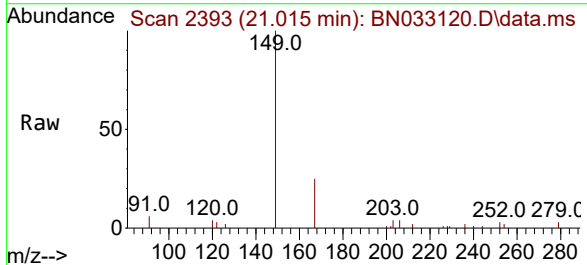
Tgt Ion:149 Resp: 8682

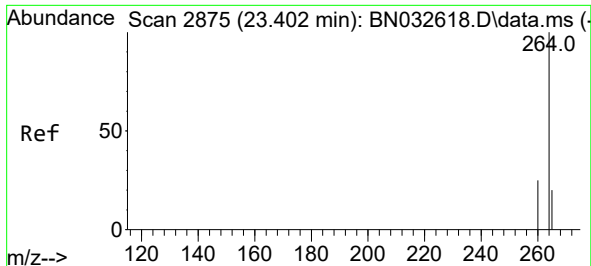
Ion Ratio Lower Upper

149 100

167 24.4 21.4 32.2

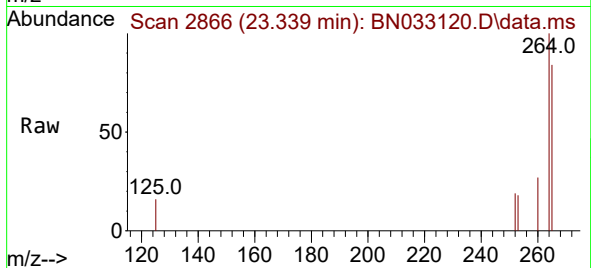
279 8.5 2.8 4.2#



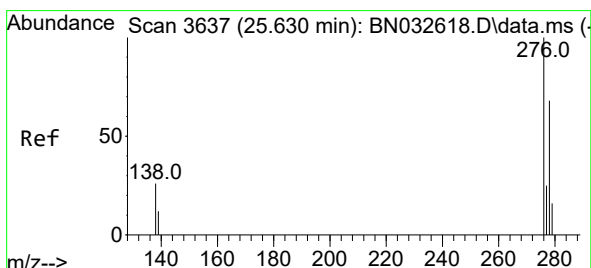
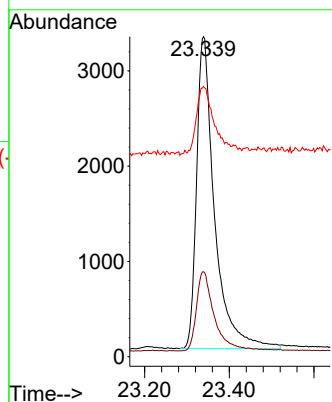
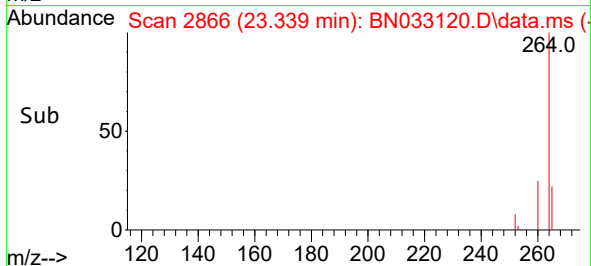


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.339 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Instrument :  
BNA\_N  
ClientSampleId :  
PB162359BS

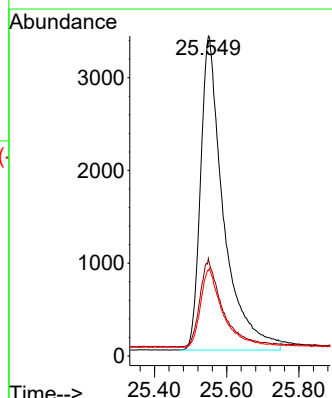
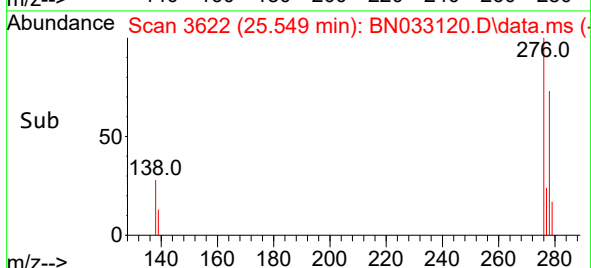
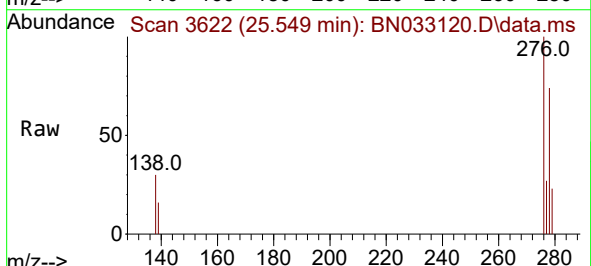


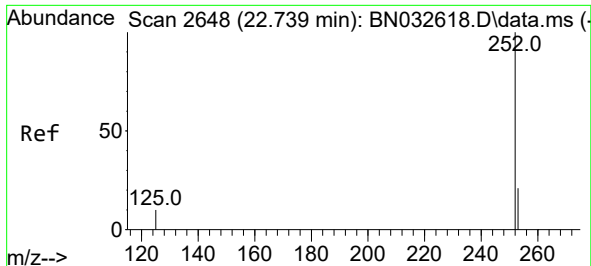
Tgt Ion:264 Resp: 9641  
Ion Ratio Lower Upper  
264 100  
260 26.5 20.9 31.3  
265 84.4 85.4 128.2#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.392 ng  
RT: 25.549 min Scan# 3622  
Delta R.T. -0.025 min  
Lab File: BN033120.D  
Acq: 31 Jul 2024 01:25

Tgt Ion:276 Resp: 14915  
Ion Ratio Lower Upper  
276 100  
138 26.9 21.0 31.4  
277 24.1 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.347 ng

RT: 22.684 min Scan# 2642

Delta R.T. -0.014 min

Lab File: BN033120.D

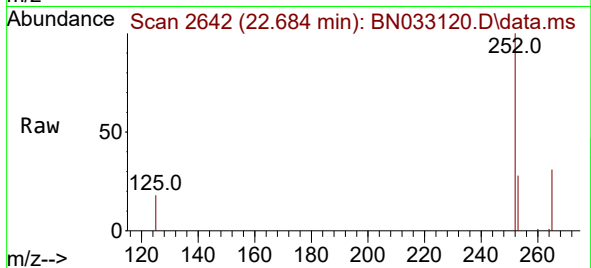
Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS



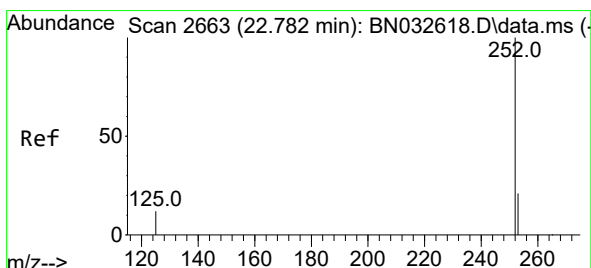
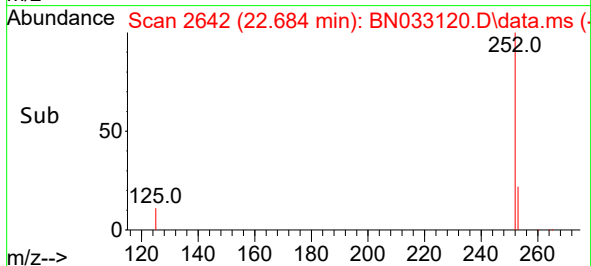
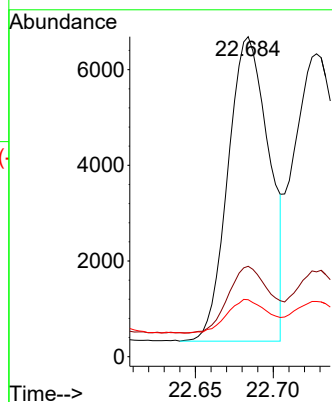
Tgt Ion:252 Resp: 11644

Ion Ratio Lower Upper

252 100

253 28.3 22.3 33.5

125 17.8 15.4 23.2



#38

Benzo(k)fluoranthene

Concen: 0.376 ng

RT: 22.728 min Scan# 2657

Delta R.T. -0.014 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

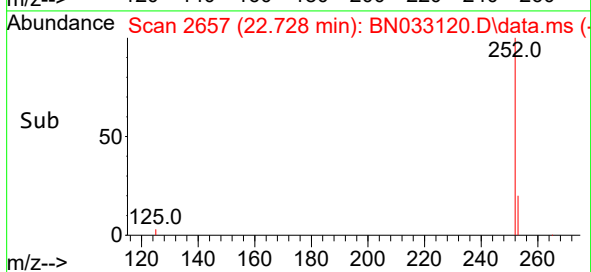
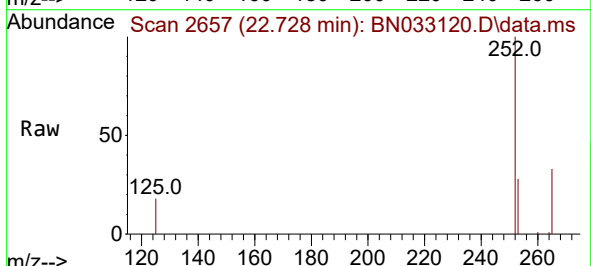
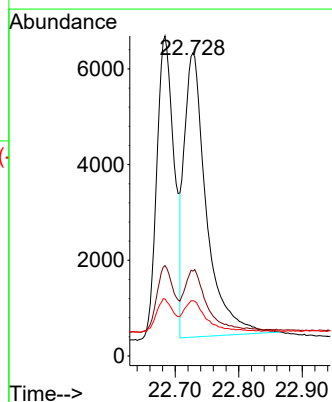
Tgt Ion:252 Resp: 14429

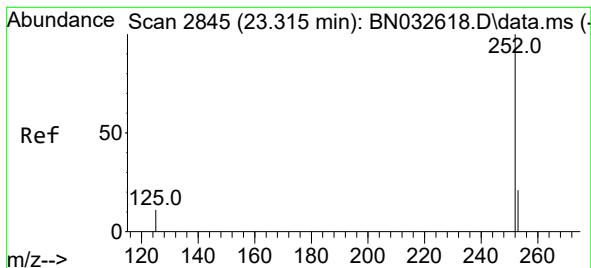
Ion Ratio Lower Upper

252 100

253 28.0 22.6 34.0

125 18.2 16.2 24.4





#39

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.254 min Scan# 21

Delta R.T. -0.022 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

Instrument :

BNA\_N

ClientSampleId :

PB162359BS

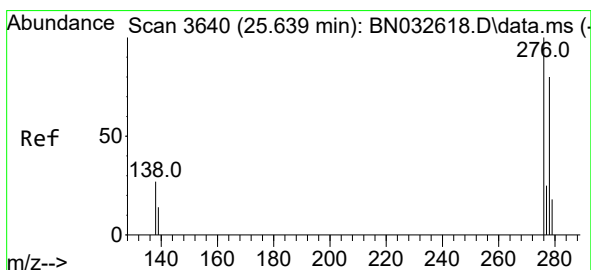
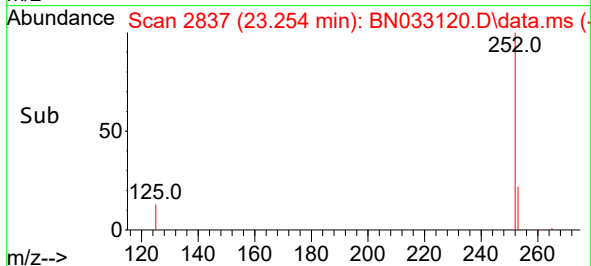
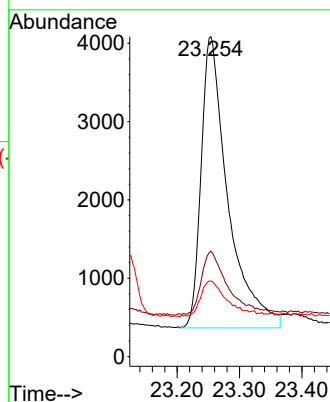
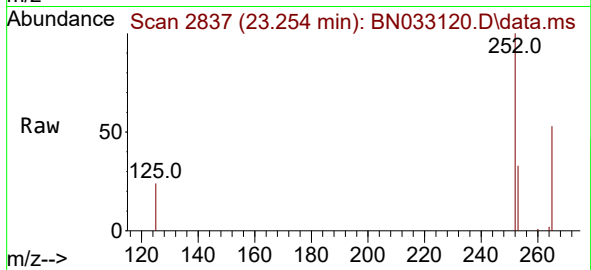
Tgt Ion:252 Resp: 11095

Ion Ratio Lower Upper

252 100

253 33.0 25.8 38.8

125 23.7 21.4 32.2



#40

Dibenzo(a,h)anthracene

Concen: 0.395 ng

RT: 25.546 min Scan# 3621

Delta R.T. -0.028 min

Lab File: BN033120.D

Acq: 31 Jul 2024 01:25

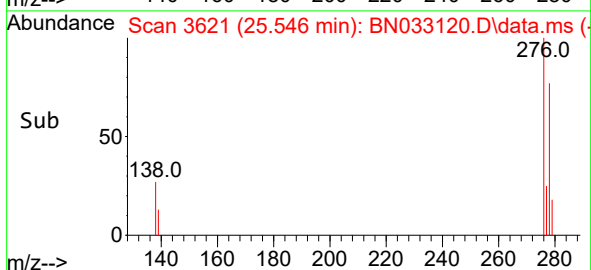
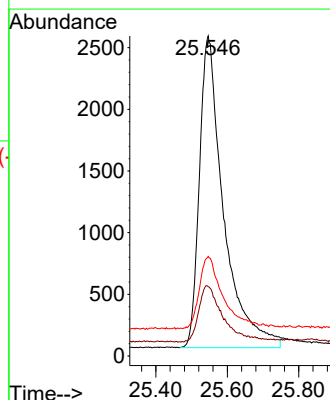
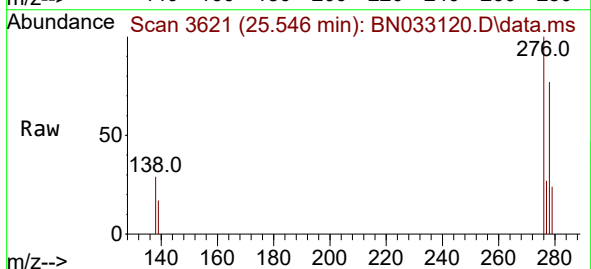
Tgt Ion:278 Resp: 11849

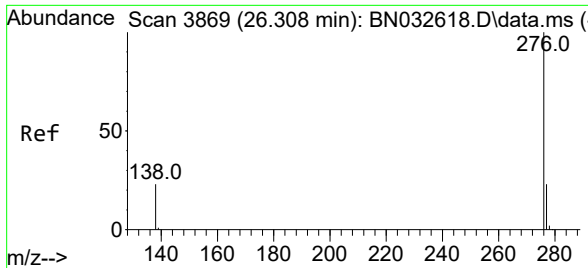
Ion Ratio Lower Upper

278 100

139 21.7 16.7 25.1

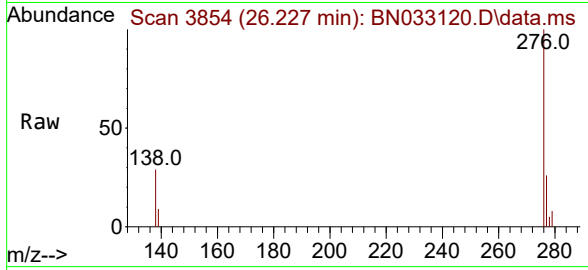
279 31.1 24.3 36.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.410 ng  
 RT: 26.227 min Scan# 3854  
 Delta R.T. -0.022 min  
 Lab File: BN033120.D  
 Acq: 31 Jul 2024 01:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB162359BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 13646 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 26.0  | 20.2  | 30.2  |
| 138       | 28.7  | 20.5  | 30.7  |

