

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010723\  
 Data File : BN023583.D  
 Acq On : 06 Jan 2023 22:24  
 Operator : CG/JU  
 Sample : PB150094BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150094BSD

Quant Time: Jan 07 02:06:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 07 02:04:12 2023  
 Response via : Initial Calibration

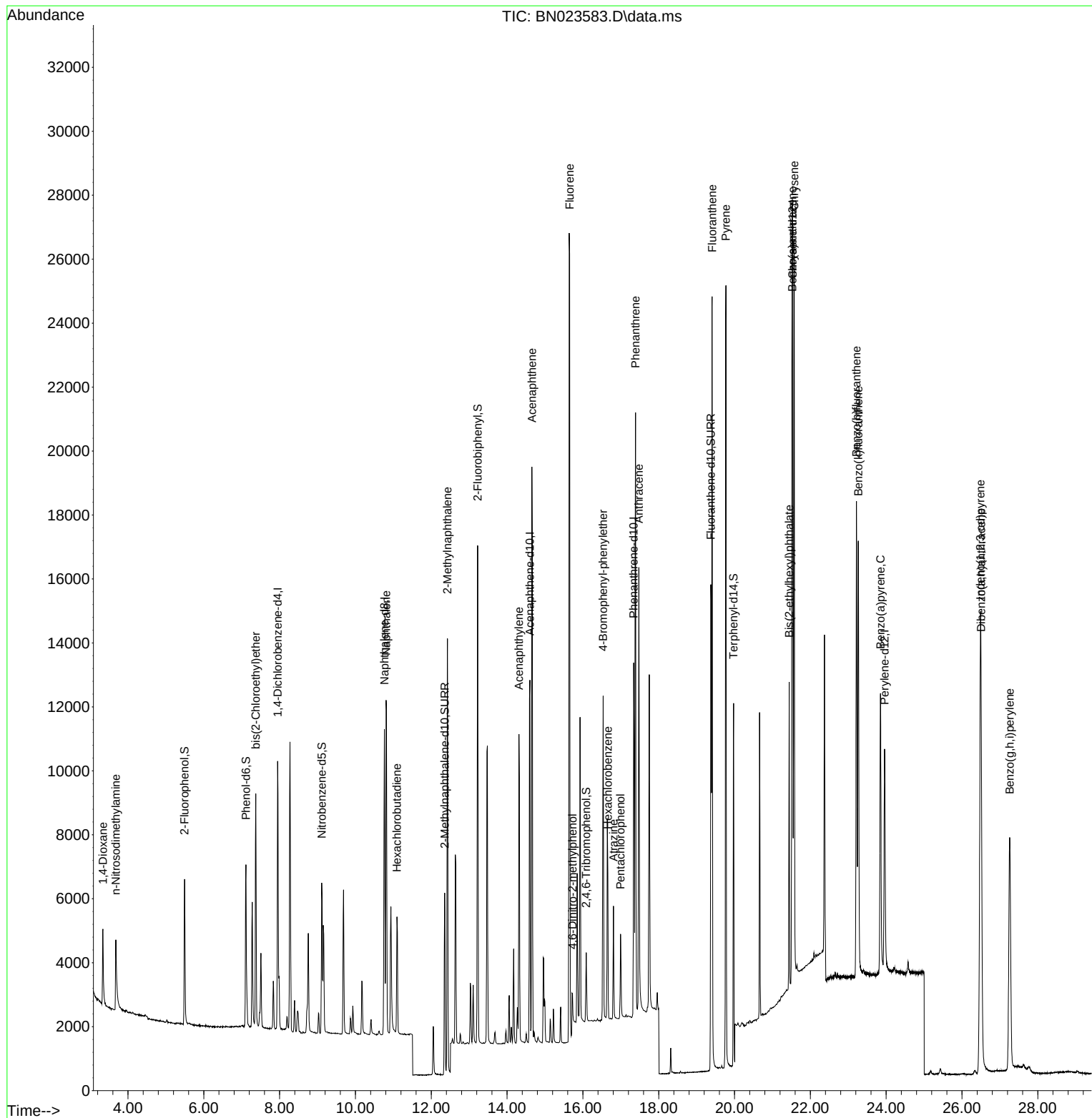
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.948  | 152  | 3957     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.765 | 136  | 12069    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.602 | 164  | 6791     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.340 | 188  | 15248    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.531 | 240  | 12796    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.958 | 264  | 10482    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.493  | 112  | 3809     | 0.435 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.110  | 99   | 4762     | 0.443 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.110  | 82   | 3972     | 0.421 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.355 | 152  | 7671     | 0.436 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.086 | 330  | 1178     | 0.354 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.223 | 172  | 12611    | 0.469 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.376 | 212  | 16371    | 0.439 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.974 | 244  | 14943    | 0.501 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 1753     | 0.460 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.680  | 42   | 1851     | 0.403 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.370  | 93   | 5224     | 0.501 | ng    | 99       |
| 9) Naphthalene                | 10.808 | 128  | 14368    | 0.466 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.096 | 225  | 2917     | 0.469 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.427 | 142  | 10335    | 0.466 | ng    | 99       |
| 16) Acenaphthylene            | 14.313 | 152  | 11272    | 0.399 | ng    | 99       |
| 17) Acenaphthene              | 14.655 | 154  | 8867     | 0.467 | ng    | 98       |
| 18) Fluorene                  | 15.650 | 166  | 12229    | 0.462 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.726 | 198  | 644      | 0.477 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.533 | 248  | 3777     | 0.422 | ng    | 91       |
| 22) Hexachlorobenzene         | 16.657 | 284  | 4727     | 0.438 | ng    | 97       |
| 23) Atrazine                  | 16.806 | 200  | 2506     | 0.363 | ng    | 98       |
| 24) Pentachlorophenol         | 16.992 | 266  | 1335     | 0.416 | ng    | 98       |
| 25) Phenanthrene              | 17.389 | 178  | 19793    | 0.456 | ng    | 100      |
| 26) Anthracene                | 17.476 | 178  | 14804    | 0.411 | ng    | 100      |
| 28) Fluoranthene              | 19.410 | 202  | 21871    | 0.448 | ng    | 99       |
| 30) Pyrene                    | 19.772 | 202  | 22007    | 0.461 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.522 | 228  | 18436    | 0.432 | ng    | 100      |
| 33) Chrysene                  | 21.576 | 228  | 20905    | 0.477 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.441 | 149  | 8050     | 0.307 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.484 | 276  | 19593    | 0.501 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.218 | 252  | 19177    | 0.476 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.265 | 252  | 18186    | 0.459 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.850 | 252  | 13799    | 0.449 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.504 | 278  | 15726    | 0.527 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.256 | 276  | 16613    | 0.482 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

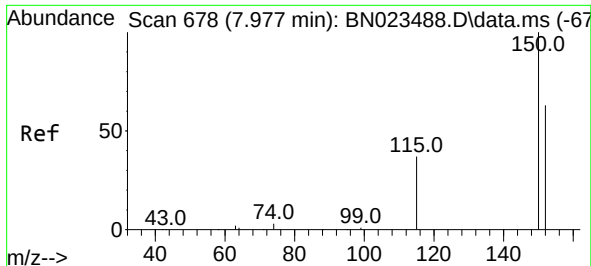
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010723\  
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Sample : PB150094BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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PB150094BSD

Quant Time: Jan 07 02:06:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jan 07 02:04:12 2023  
Response via : Initial Calibration

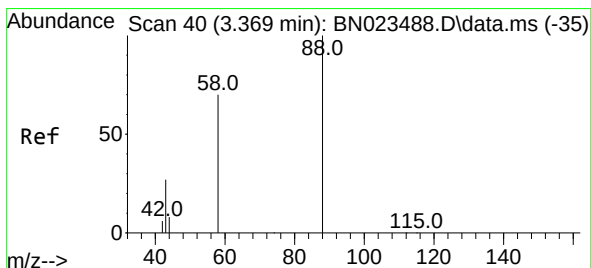
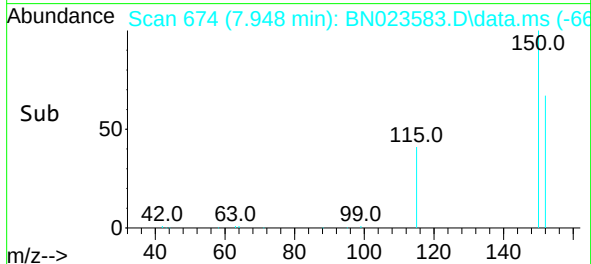
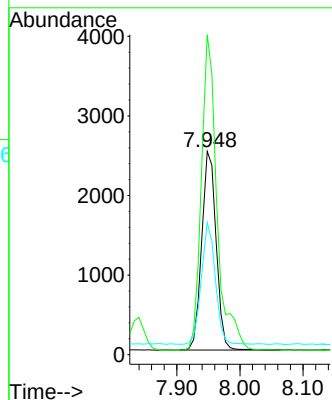
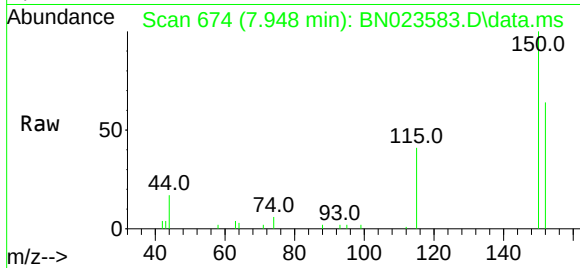




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.948 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

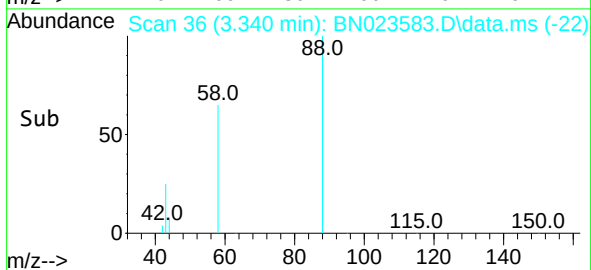
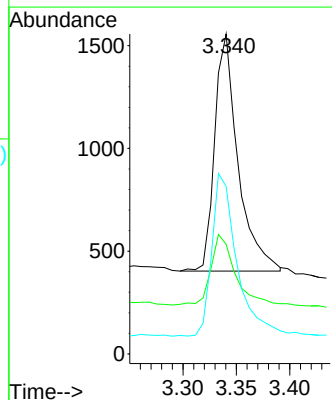
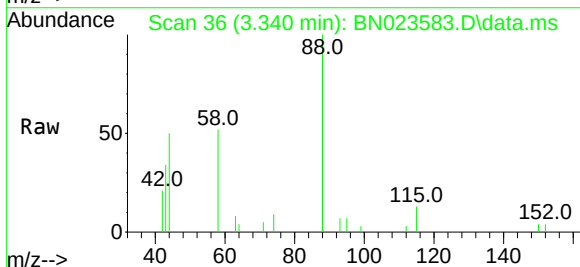
Instrument :  
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 ClientSampleId :  
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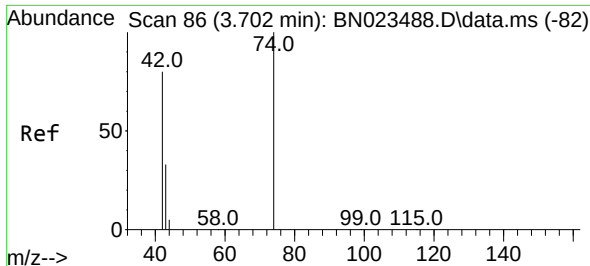
Tgt Ion:152 Resp: 3957  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 125.0 187.6  
 115 64.9 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 0.460 ng  
 RT: 3.340 min Scan# 36  
 Delta R.T. -0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

Tgt Ion: 88 Resp: 1753  
 Ion Ratio Lower Upper  
 88 100  
 43 30.6 24.6 36.8  
 58 73.4 58.2 87.4

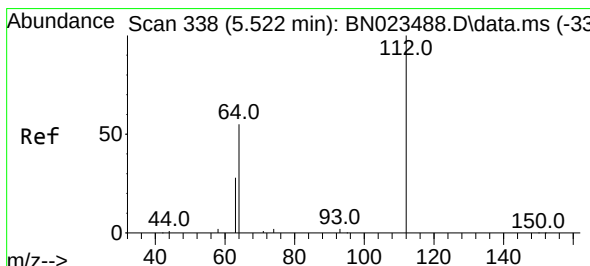
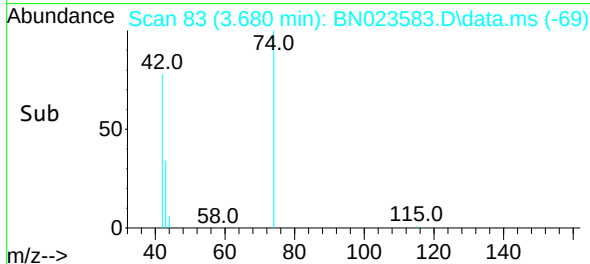
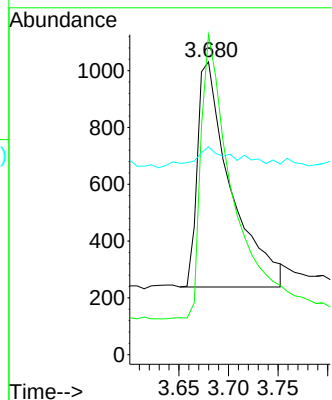
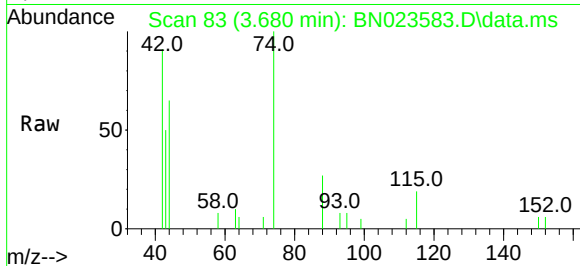




#3  
 n-Nitrosodimethylamine  
 Concen: 0.403 ng  
 RT: 3.680 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

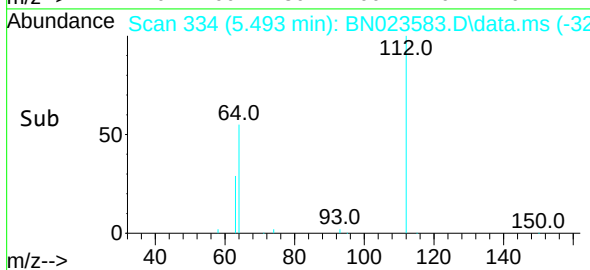
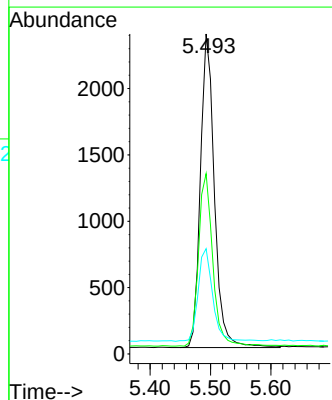
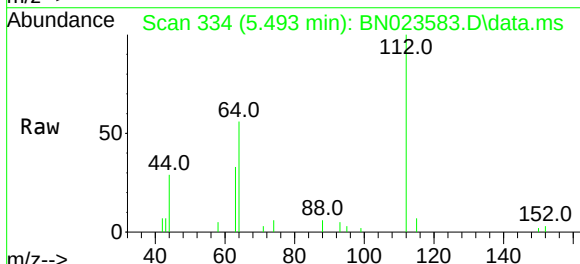
Instrument :  
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 PB150094BSD

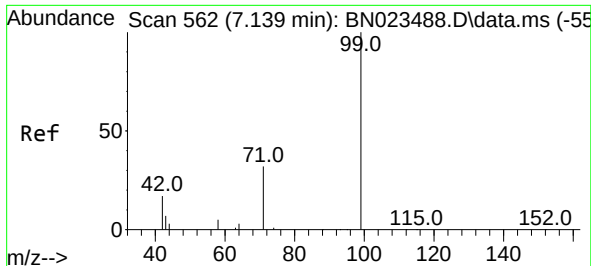
Tgt Ion: 42 Resp: 1851  
 Ion Ratio Lower Upper  
 42 100  
 74 121.1 102.1 153.1  
 44 11.6 5.6 8.4#



#4  
 2-Fluorophenol  
 Concen: 0.435 ng  
 RT: 5.493 min Scan# 334  
 Delta R.T. -0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

Tgt Ion: 112 Resp: 3809  
 Ion Ratio Lower Upper  
 112 100  
 64 55.4 44.3 66.5  
 63 30.5 23.8 35.6

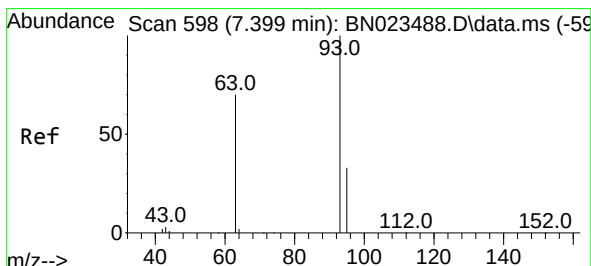
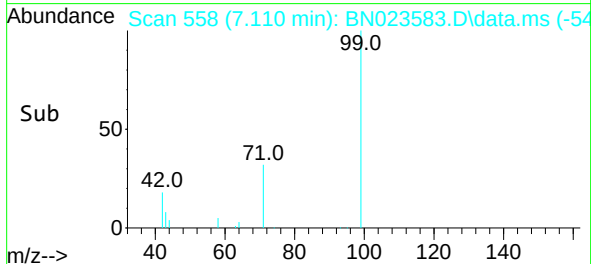
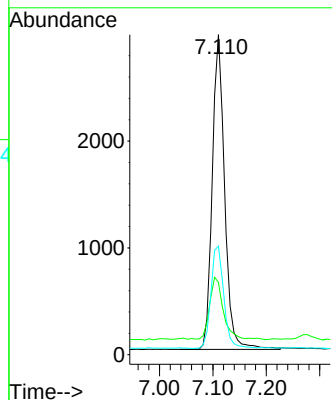
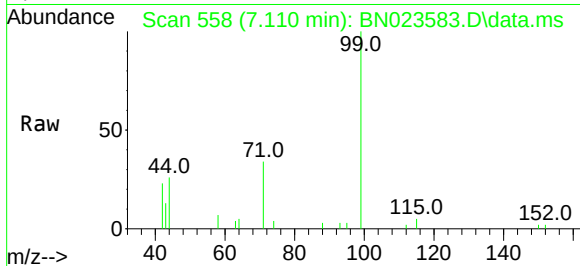




#5  
Phenol-d6  
Concen: 0.443 ng  
RT: 7.110 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

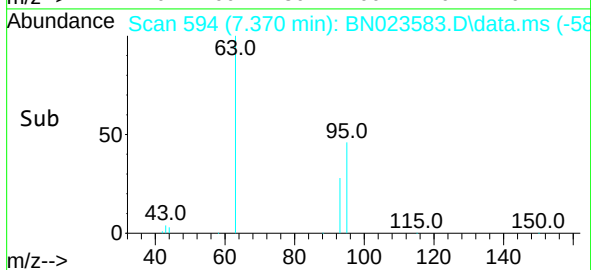
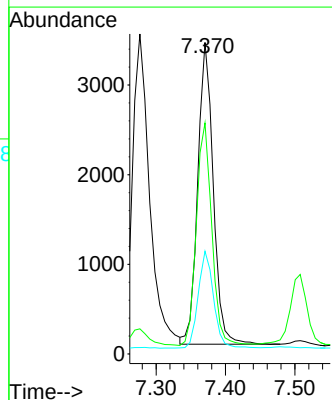
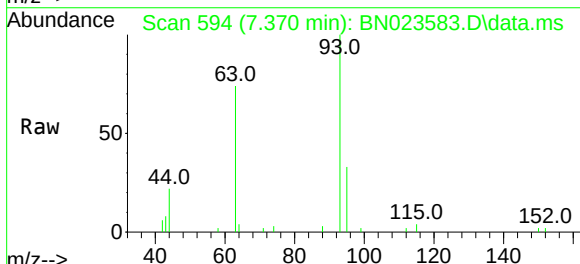
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

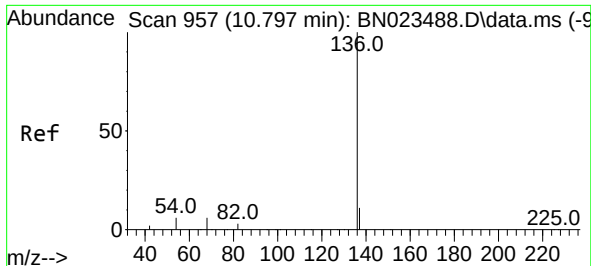
Tgt Ion: 99 Resp: 4762  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.8 25.2  
71 33.9 27.0 40.4



#6  
bis(2-Chloroethyl)ether  
Concen: 0.501 ng  
RT: 7.370 min Scan# 594  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion: 93 Resp: 5224  
Ion Ratio Lower Upper  
93 100  
63 72.8 58.9 88.3  
95 31.7 26.1 39.1

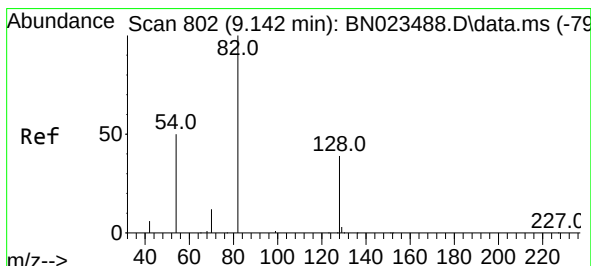
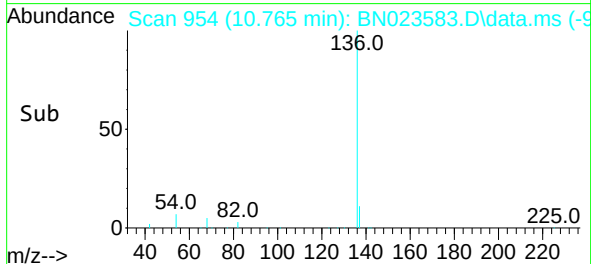
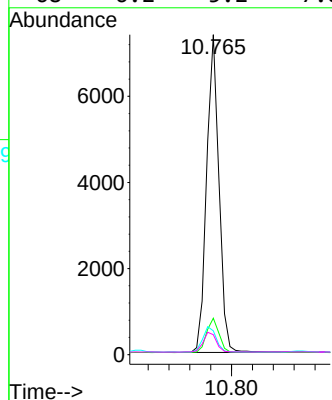
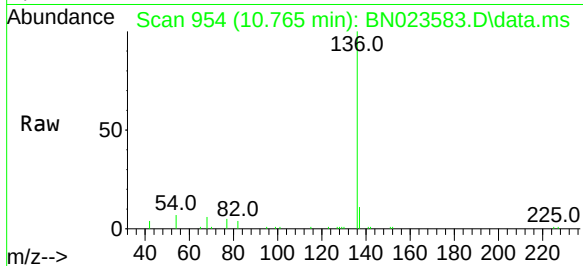




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

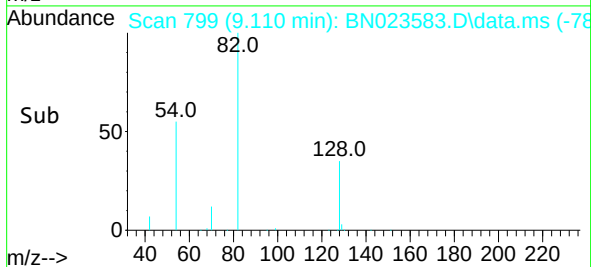
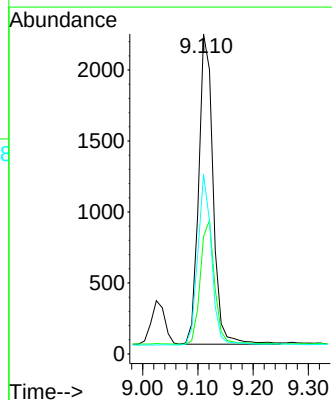
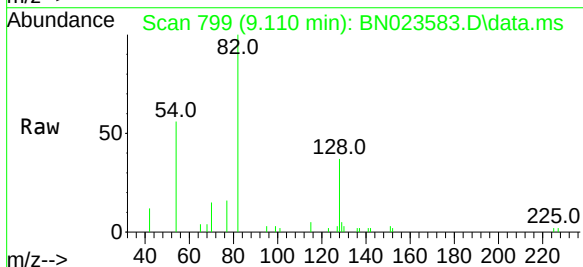
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ClientSampleId :  
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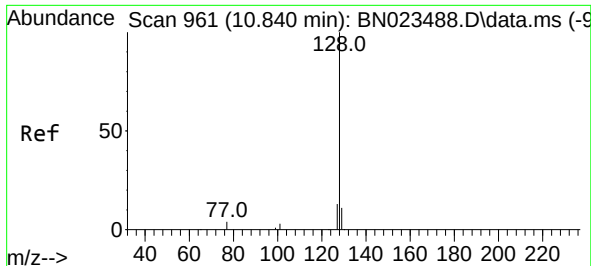
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12069 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.0   | 13.4  |
| 54        | 7.4   | 5.8   | 8.8   |
| 68        | 6.2   | 5.2   | 7.8   |



#8  
Nitrobenzene-d5  
Concen: 0.421 ng  
RT: 9.110 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3972 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.7  | 32.6  | 49.0 |
| 54        | 56.1  | 41.4  | 62.0 |

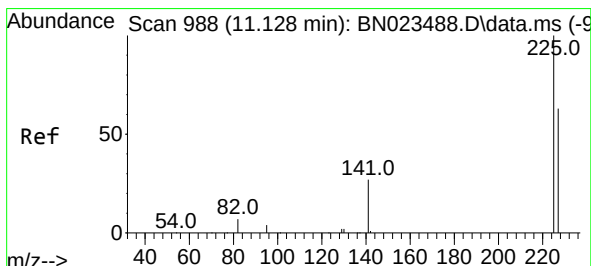
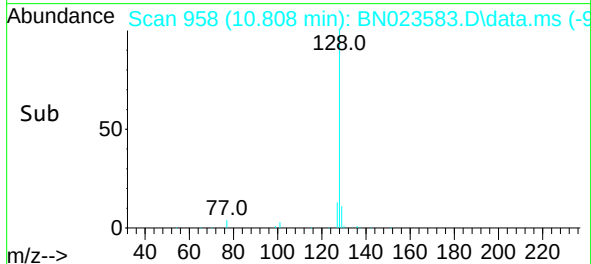
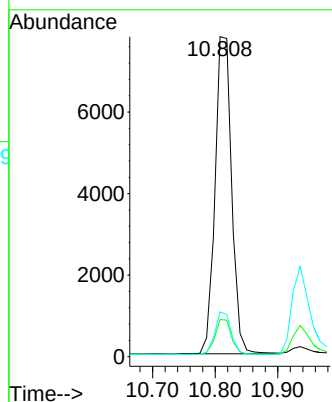
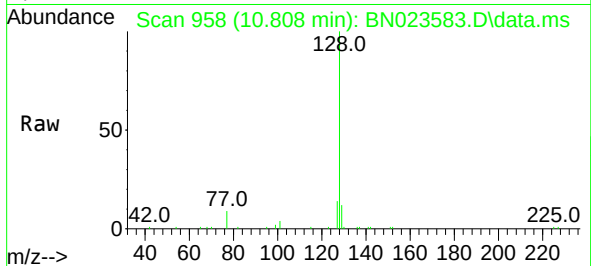




#9  
Naphthalene  
Concen: 0.466 ng  
RT: 10.808 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

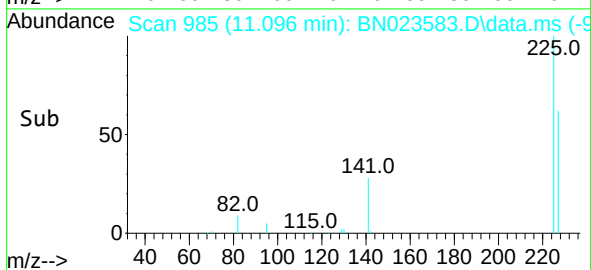
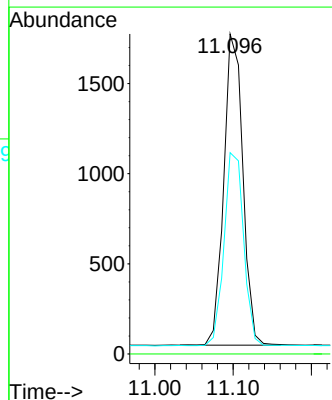
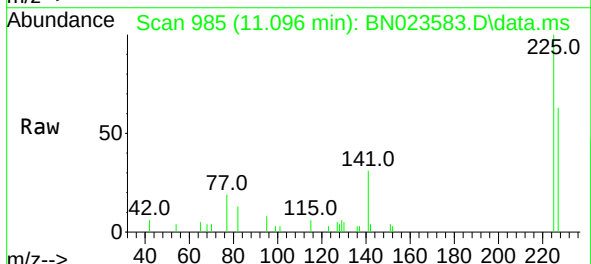
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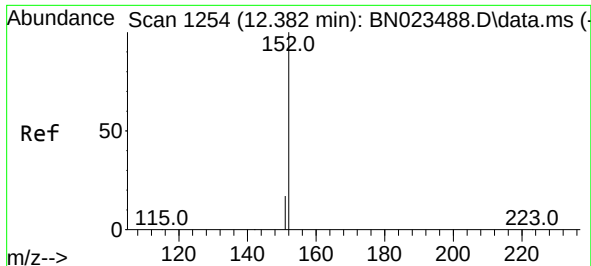
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Ion Ratio Lower Upper  
128 100  
129 11.6 9.1 13.7  
127 14.0 11.0 16.4



#10  
Hexachlorobutadiene  
Concen: 0.469 ng  
RT: 11.096 min Scan# 985  
Delta R.T. -0.011 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:225 Resp: 2917  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.8 77.8

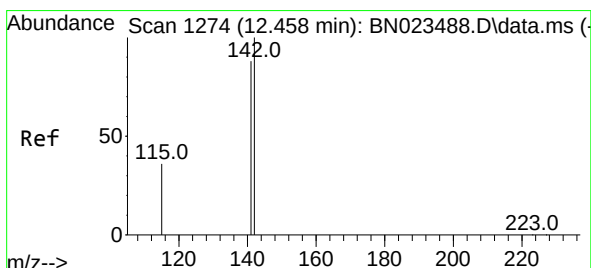
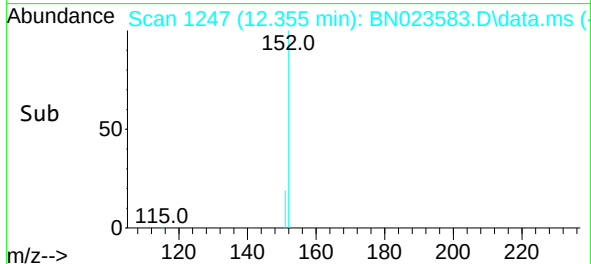
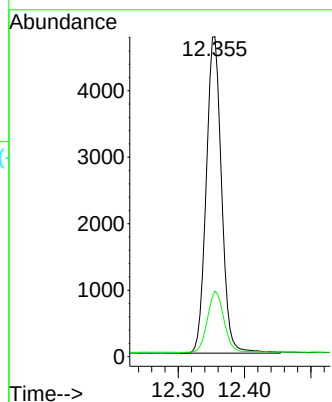
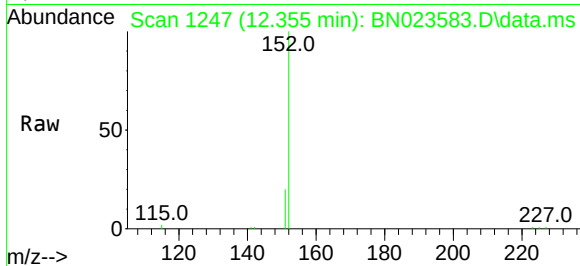




#11  
2-Methylnaphthalene-d10  
Concen: 0.436 ng  
RT: 12.355 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

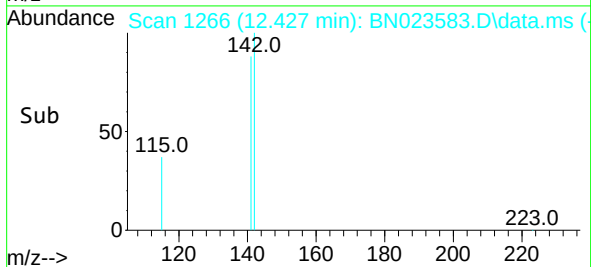
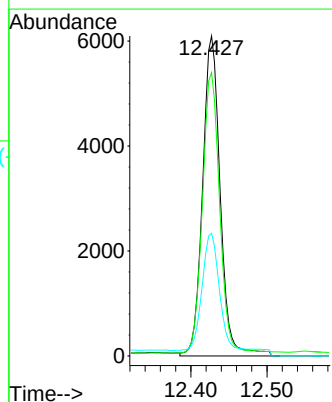
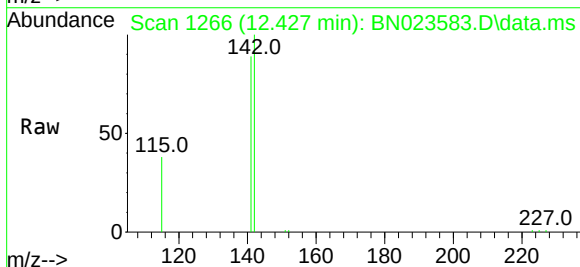
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

Tgt Ion:152 Resp: 7671  
Ion Ratio Lower Upper  
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151 20.9 14.8 22.2

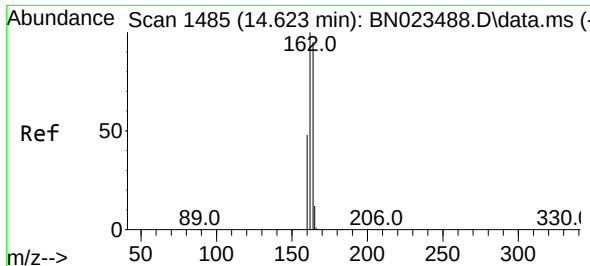


#12  
2-Methylnaphthalene  
Concen: 0.466 ng  
RT: 12.427 min Scan# 1266  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:142 Resp: 10335  
Ion Ratio Lower Upper  
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141 88.5 70.5 105.7  
115 38.4 29.5 44.3



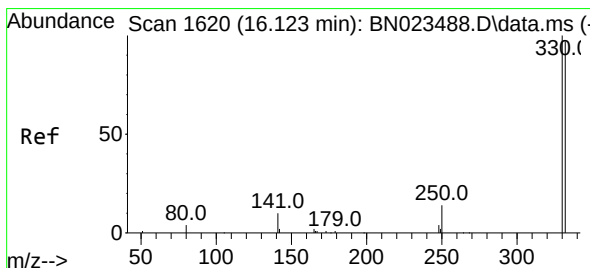
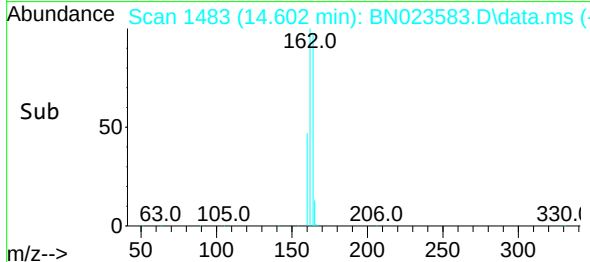
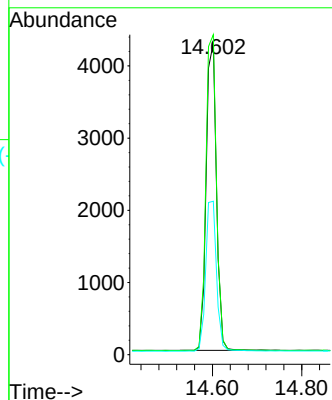
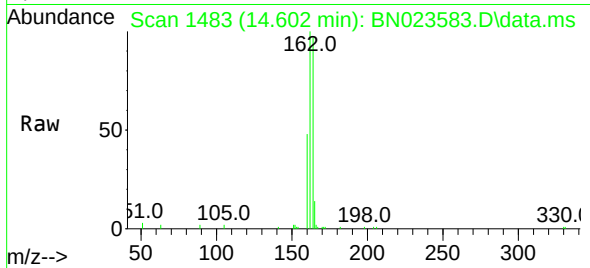




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.602 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

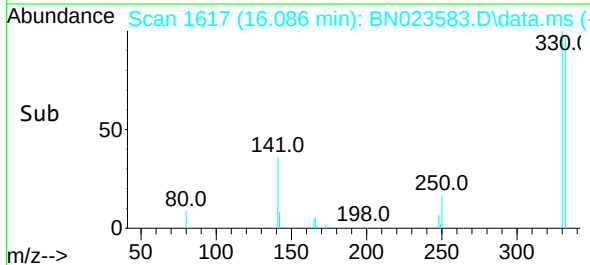
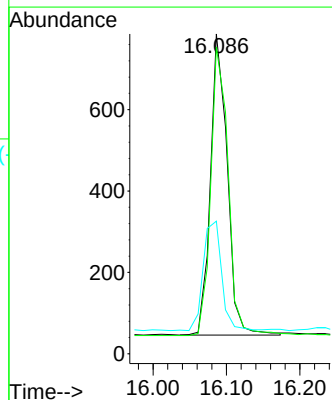
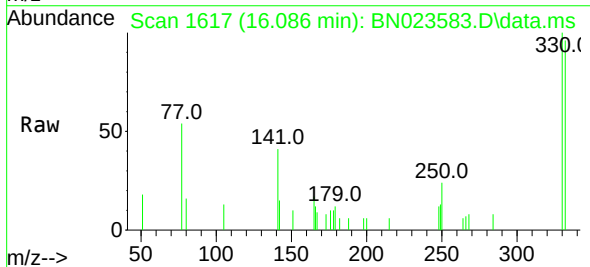
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150094BSD

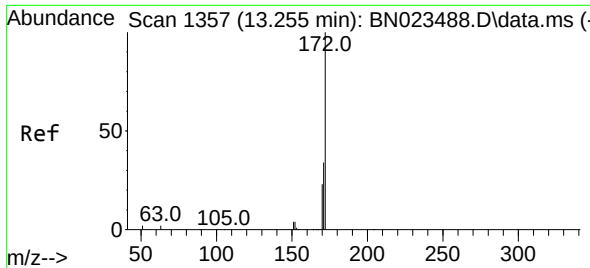
Tgt Ion:164 Resp: 6791  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 83.9 125.9  
 160 49.2 40.9 61.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.354 ng  
 RT: 16.086 min Scan# 1617  
 Delta R.T. -0.000 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

Tgt Ion:330 Resp: 1178  
 Ion Ratio Lower Upper  
 330 100  
 332 99.4 76.7 115.1  
 141 40.0 29.8 44.6

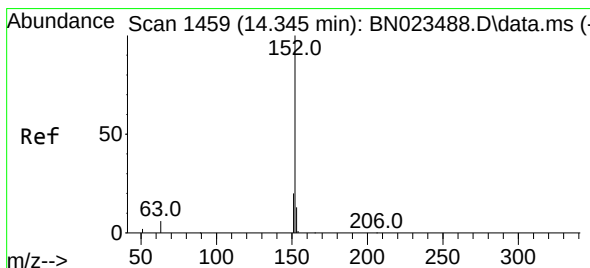
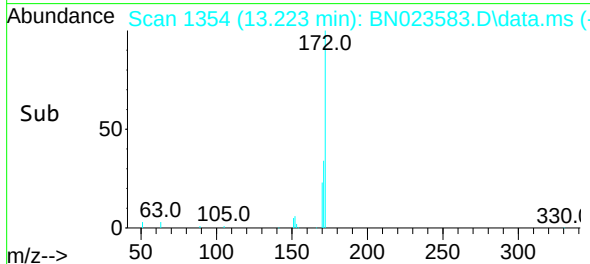
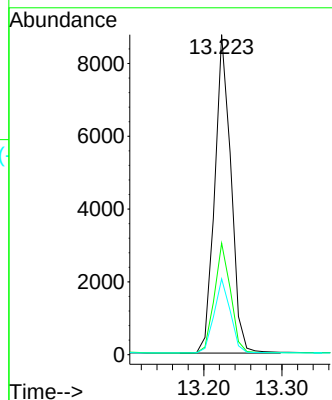
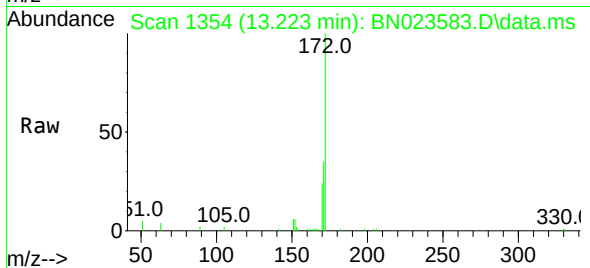




#15  
2-Fluorobiphenyl  
Concen: 0.469 ng  
RT: 13.223 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

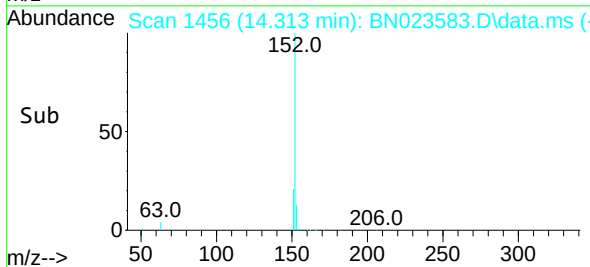
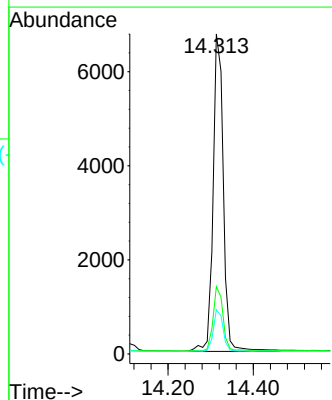
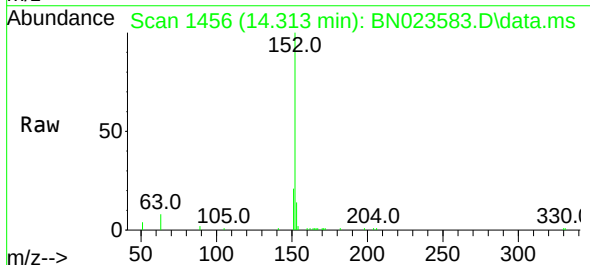
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

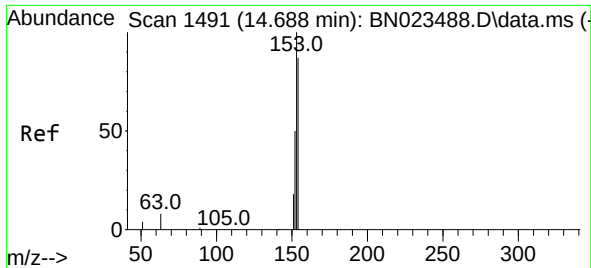
Tgt Ion:172 Resp: 12611  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.6 41.4  
170 23.7 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.399 ng  
RT: 14.313 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:152 Resp: 11272  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.4 23.2  
153 12.8 10.3 15.5

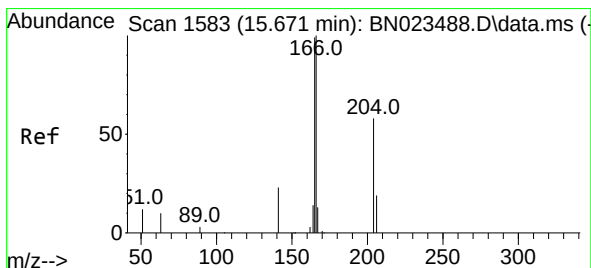
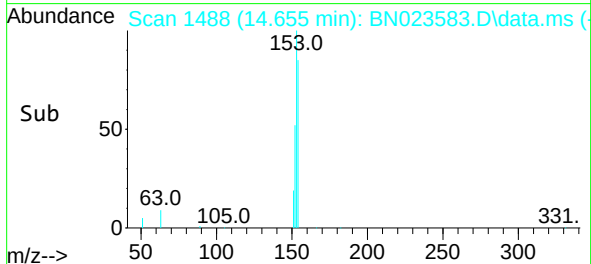
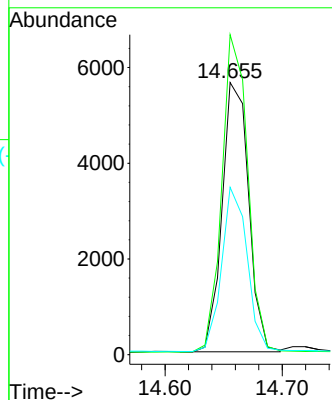
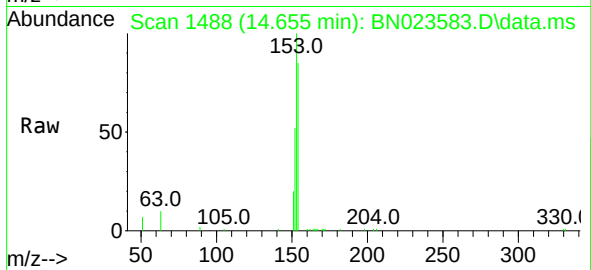




#17  
Acenaphthene  
Concen: 0.467 ng  
RT: 14.655 min Scan# 1488  
Delta R.T. -0.011 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

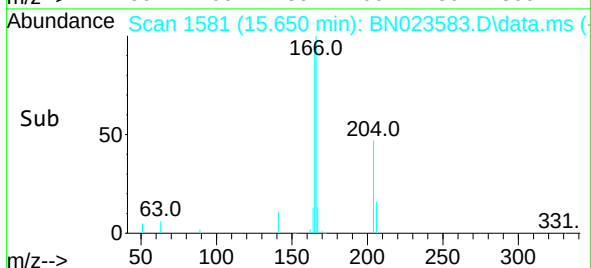
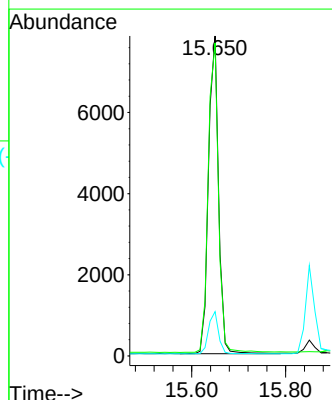
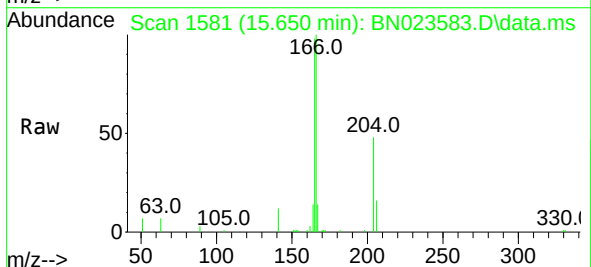
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

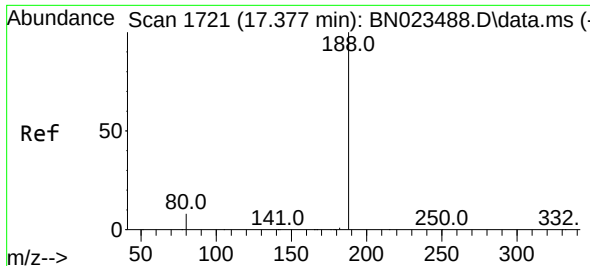
Tgt Ion:154 Resp: 8867  
Ion Ratio Lower Upper  
154 100  
153 115.2 90.8 136.2  
152 59.0 46.3 69.5



#18  
Fluorene  
Concen: 0.462 ng  
RT: 15.650 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:166 Resp: 12229  
Ion Ratio Lower Upper  
166 100  
165 100.6 79.0 118.6  
167 13.1 10.6 16.0

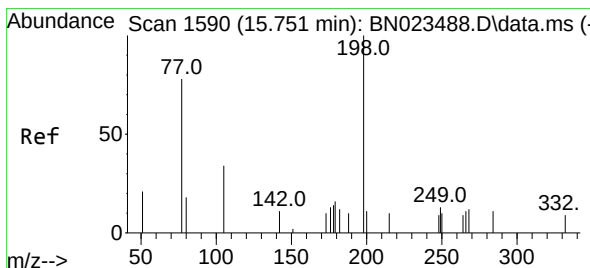
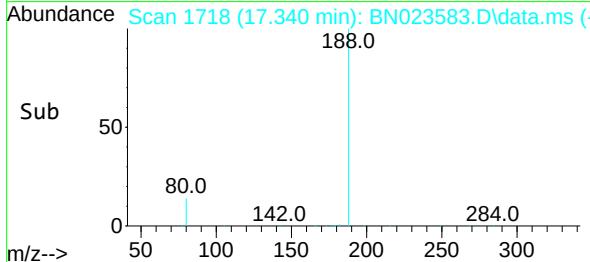
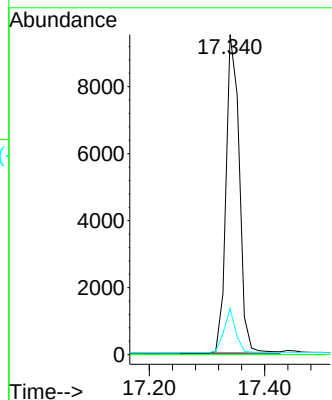
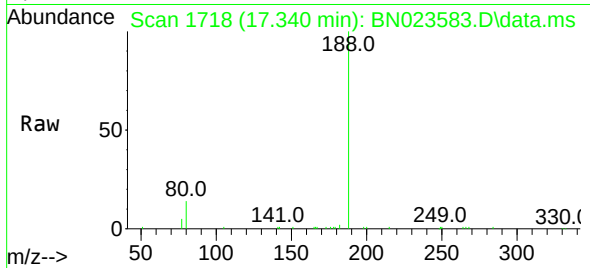




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.340 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

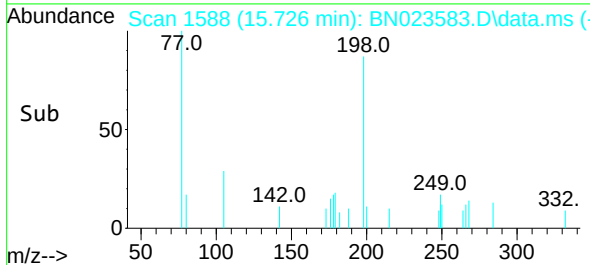
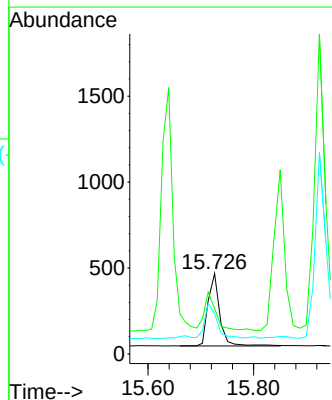
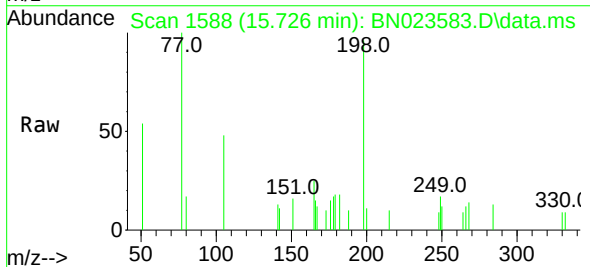
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

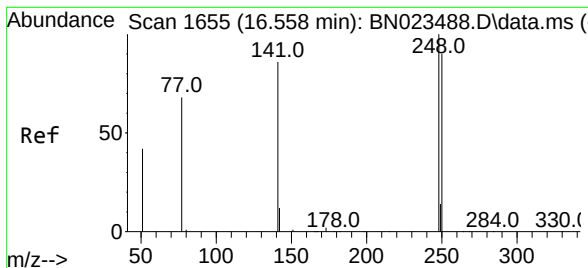
Tgt Ion:188 Resp: 15248  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 6.7 10.1#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.477 ng  
RT: 15.726 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:198 Resp: 644  
Ion Ratio Lower Upper  
198 100  
51 56.4 48.2 72.4  
105 50.0 41.0 61.4

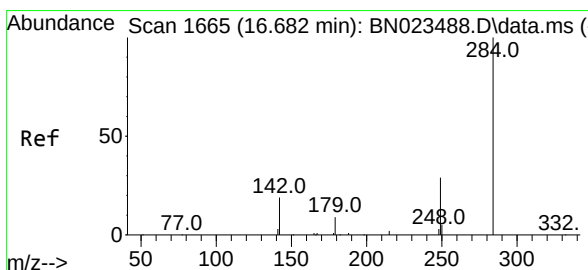
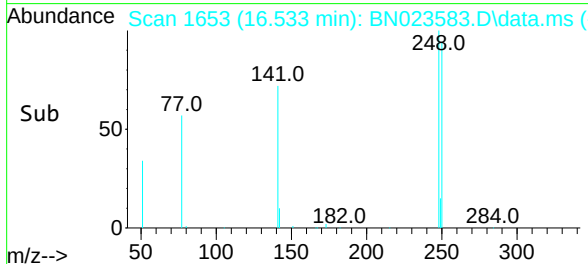
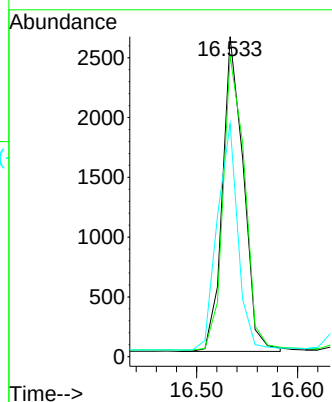
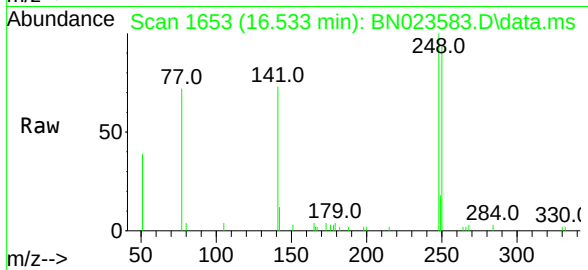




#21  
4-Bromophenyl-phenylether  
Concen: 0.422 ng  
RT: 16.533 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

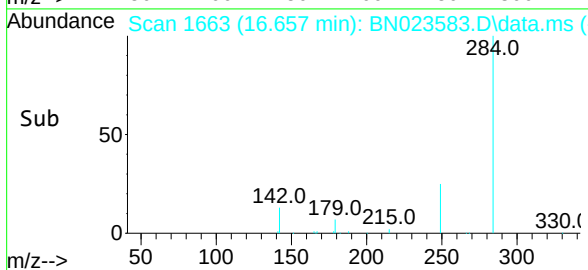
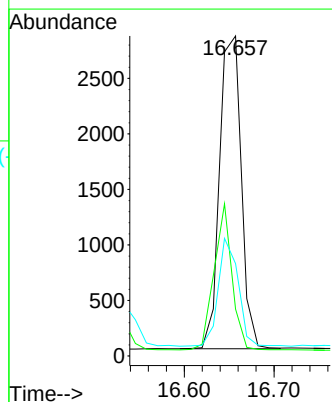
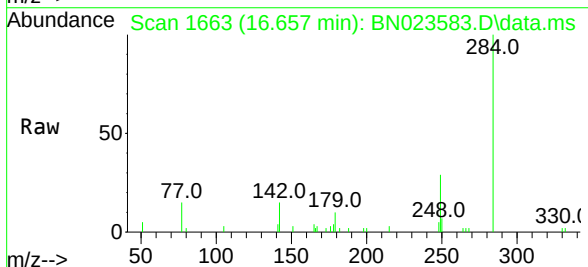
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

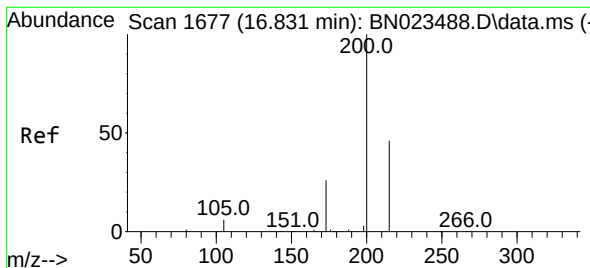
Tgt Ion:248 Resp: 3777  
Ion Ratio Lower Upper  
248 100  
250 94.0 72.6 108.8  
141 72.8 69.4 104.0



#22  
Hexachlorobenzene  
Concen: 0.438 ng  
RT: 16.657 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:284 Resp: 4727  
Ion Ratio Lower Upper  
284 100  
142 38.4 29.0 43.6  
249 31.6 24.5 36.7





#23

Atrazine

Concen: 0.363 ng

RT: 16.806 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

Instrument :

BNA\_N

ClientSampleId :

PB150094BSD

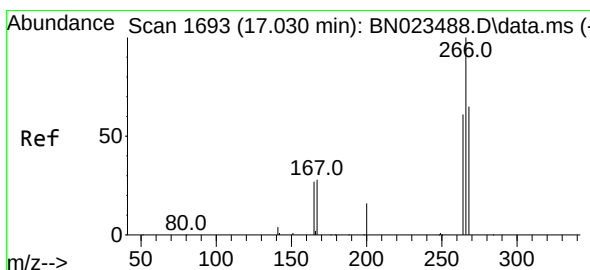
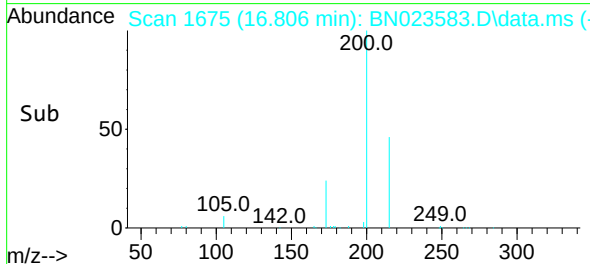
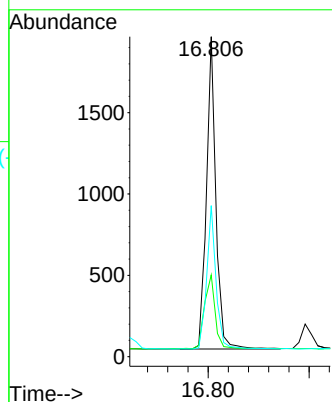
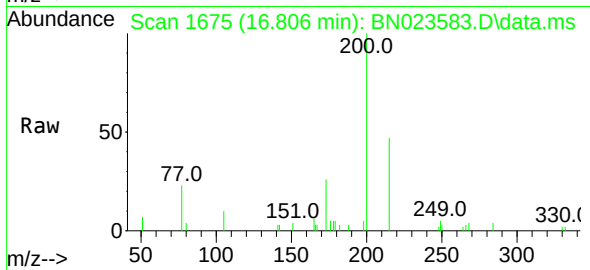
Tgt Ion:200 Resp: 2506

Ion Ratio Lower Upper

200 100

173 25.6 22.1 33.1

215 47.2 38.2 57.2



#24

Pentachlorophenol

Concen: 0.416 ng

RT: 16.992 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

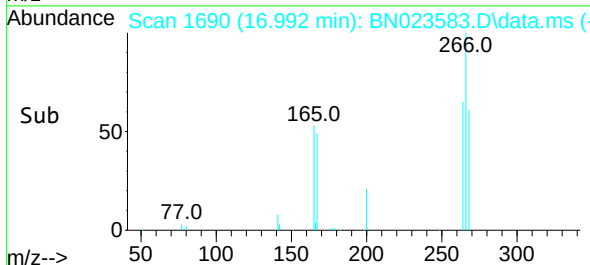
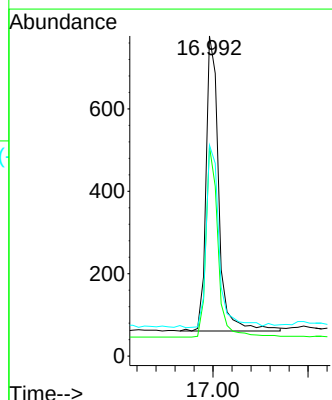
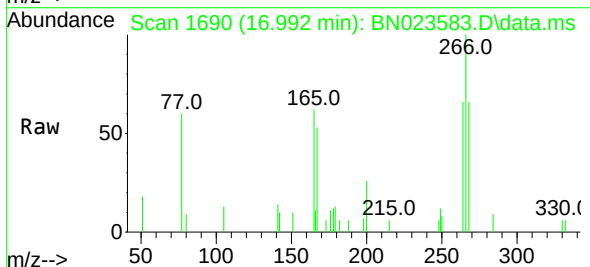
Tgt Ion:266 Resp: 1335

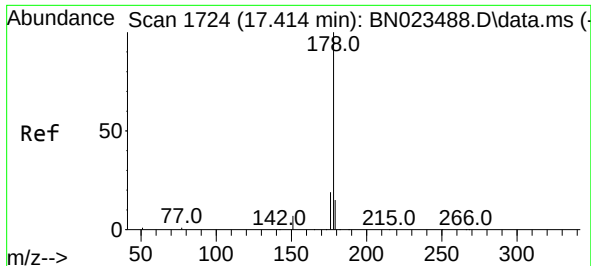
Ion Ratio Lower Upper

266 100

264 60.8 49.7 74.5

268 62.9 51.4 77.0

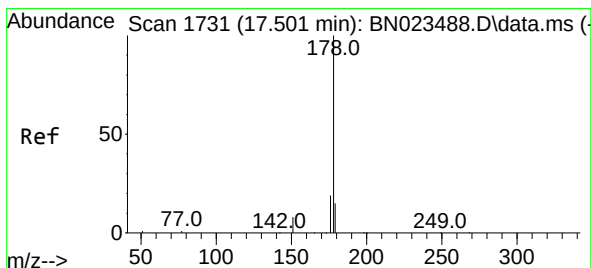
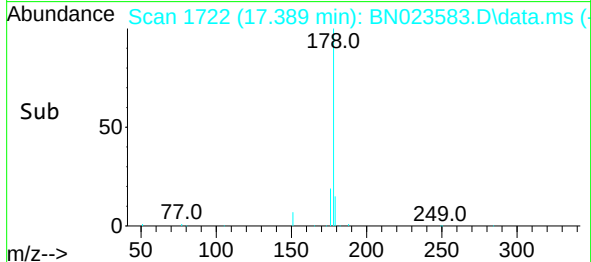
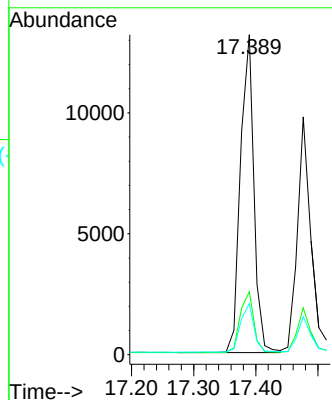
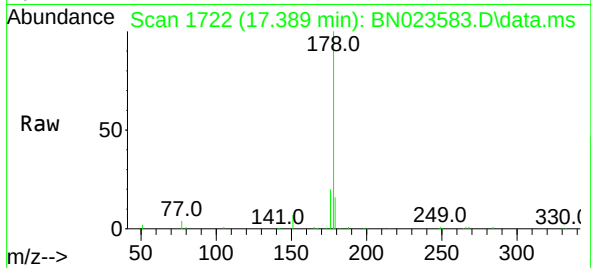




#25  
Phenanthrene  
Concen: 0.456 ng  
RT: 17.389 min Scan# 1722  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

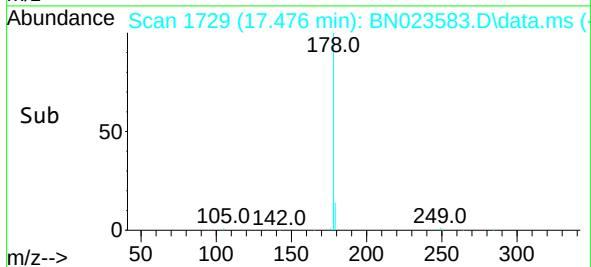
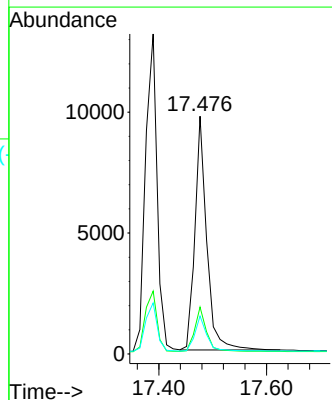
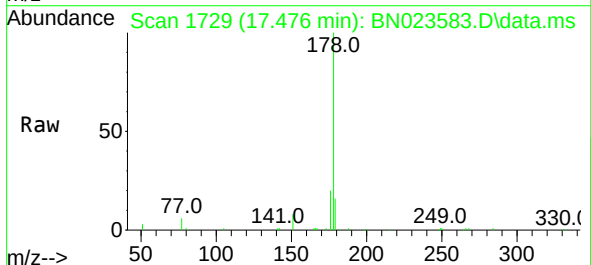
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

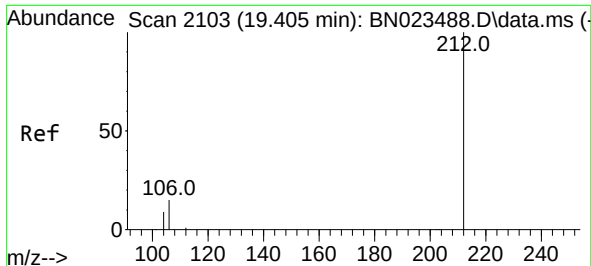
Tgt Ion:178 Resp: 19793  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.411 ng  
RT: 17.476 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:178 Resp: 14804  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.1 12.3 18.5

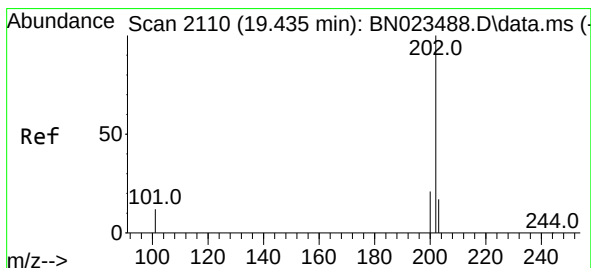
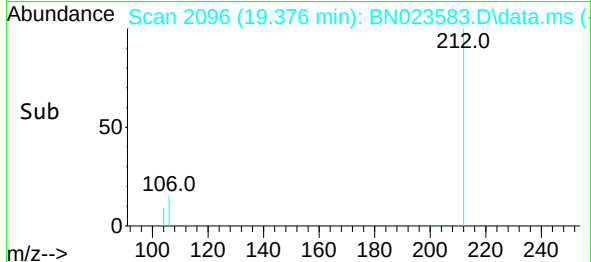
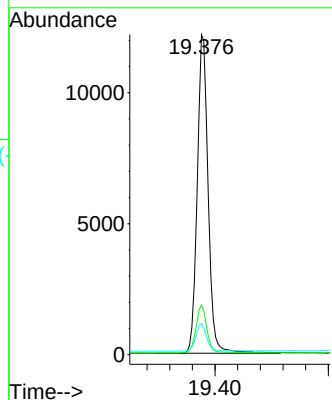
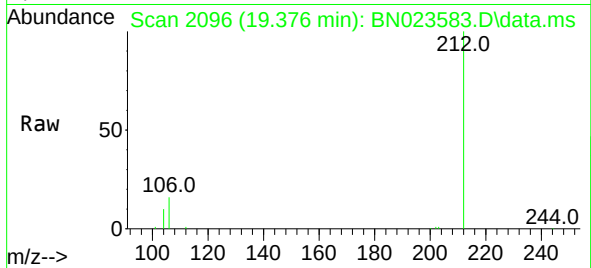




#27  
Fluoranthene-d10  
Concen: 0.439 ng  
RT: 19.376 min Scan# 2103  
Delta R.T. -0.004 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

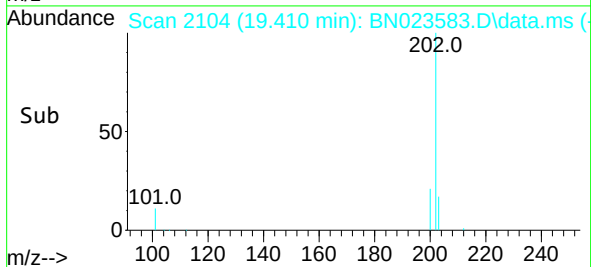
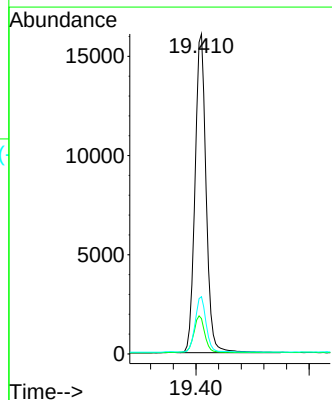
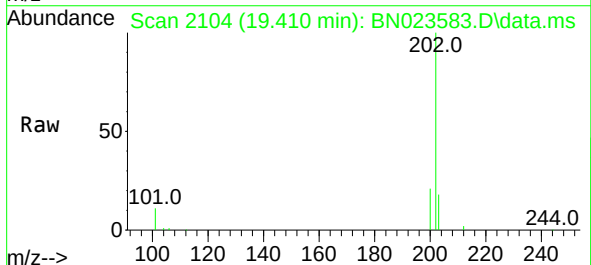
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

Tgt Ion:212 Resp: 16371  
Ion Ratio Lower Upper  
212 100  
106 14.8 12.3 18.5  
104 8.5 6.8 10.2

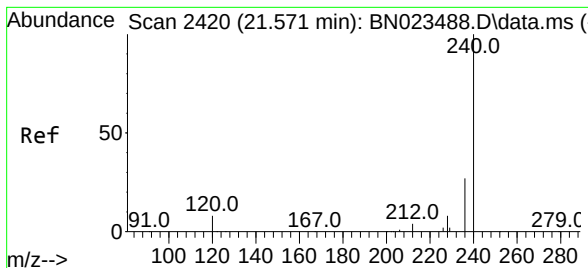


#28  
Fluoranthene  
Concen: 0.448 ng  
RT: 19.410 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:202 Resp: 21871  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.6 14.4  
203 17.1 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

Instrument :

BNA\_N

ClientSampleId :

PB150094BSD

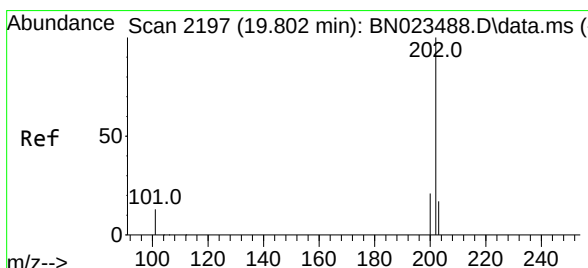
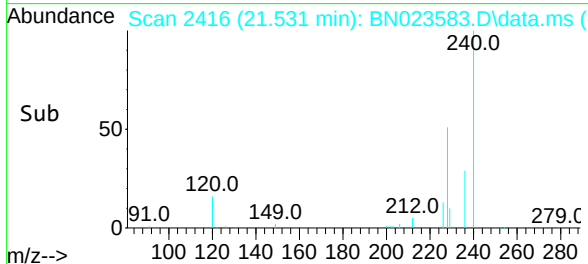
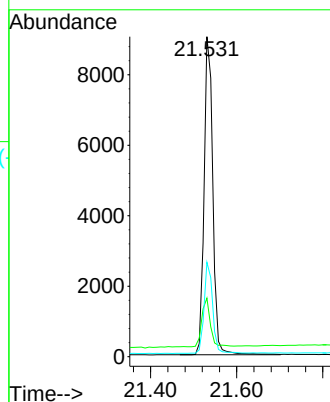
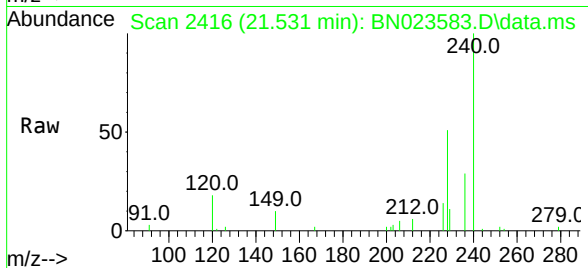
Tgt Ion:240 Resp: 12796

Ion Ratio Lower Upper

240 100

120 18.3 8.9 13.3#

236 29.5 22.5 33.7



#30

Pyrene

Concen: 0.461 ng

RT: 19.772 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

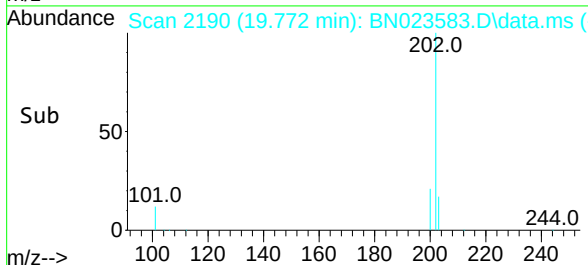
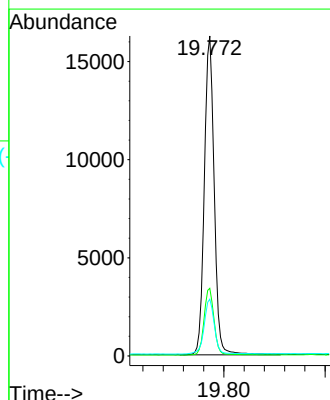
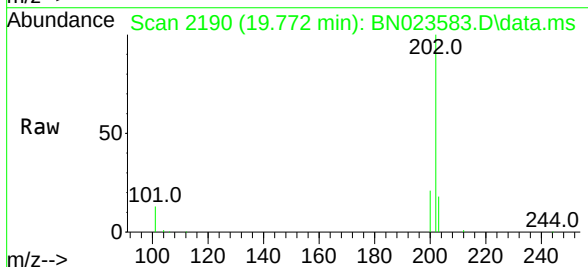
Tgt Ion:202 Resp: 22007

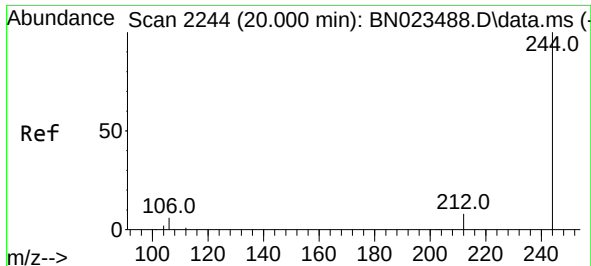
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.4 21.6

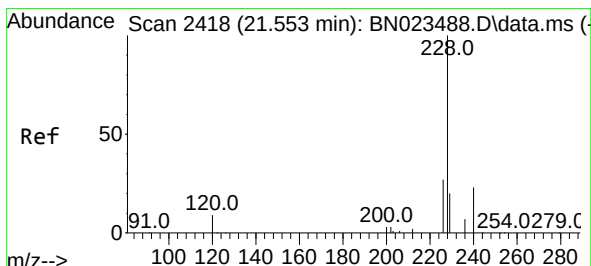
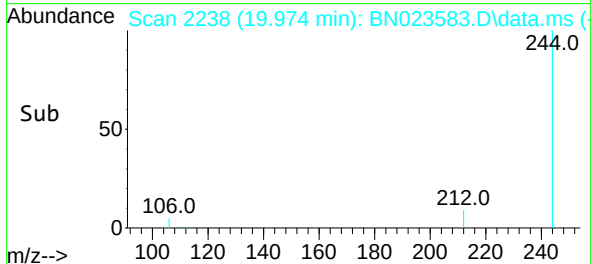
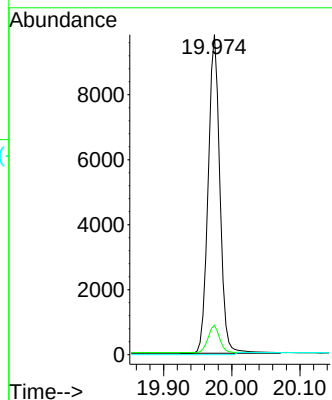
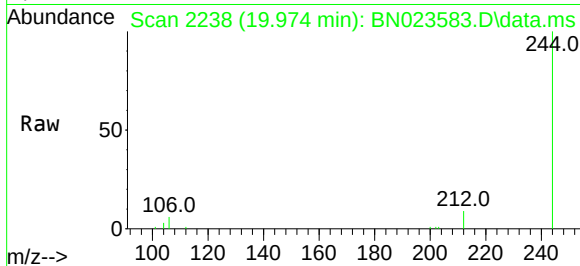




#31  
Terphenyl-d14  
Concen: 0.501 ng  
RT: 19.974 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

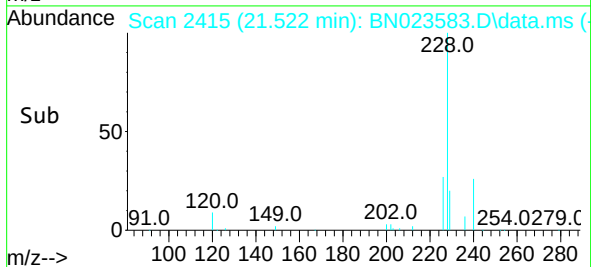
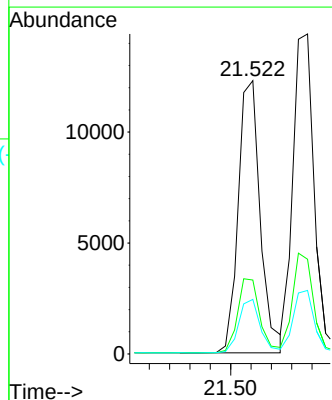
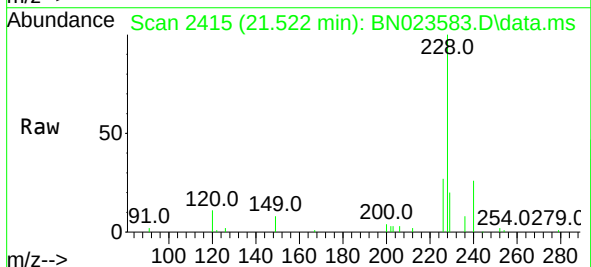
Instrument :  
BNA\_N  
ClientSampleId :  
PB150094BSD

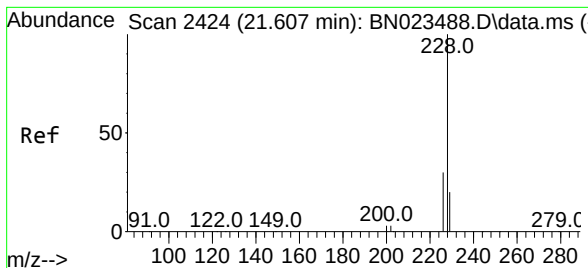
Tgt Ion:244 Resp: 14943  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.4 11.0  
122 0.0 0.0 0.0



#32  
Benzo(a)anthracene  
Concen: 0.432 ng  
RT: 21.522 min Scan# 2415  
Delta R.T. 0.004 min  
Lab File: BN023583.D  
Acq: 06 Jan 2023 22:24

Tgt Ion:228 Resp: 18436  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.8 32.8  
229 20.0 16.0 24.0





#33

Chrysene

Concen: 0.477 ng

RT: 21.576 min Scan# 2424

Delta R.T. 0.004 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

Instrument :

BNA\_N

ClientSampleId :

PB150094BSD

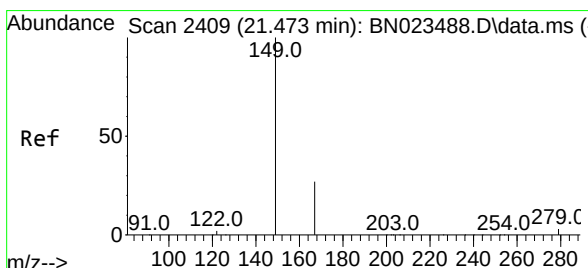
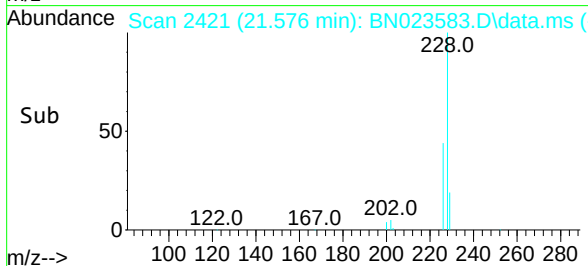
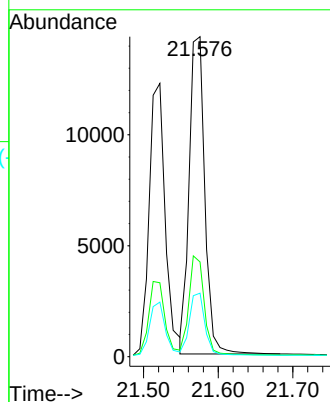
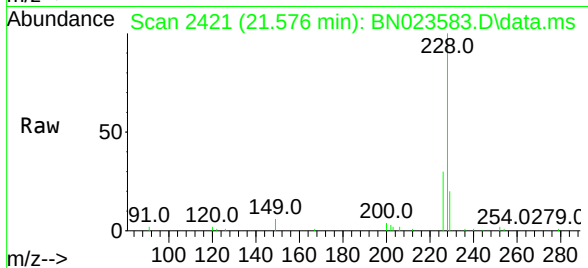
Tgt Ion:228 Resp: 20905

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.9 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.307 ng

RT: 21.441 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

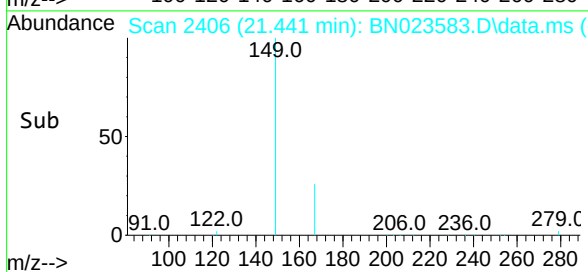
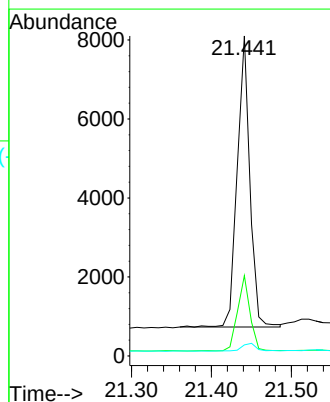
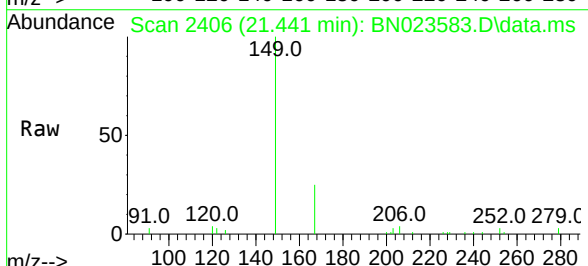
Tgt Ion:149 Resp: 8050

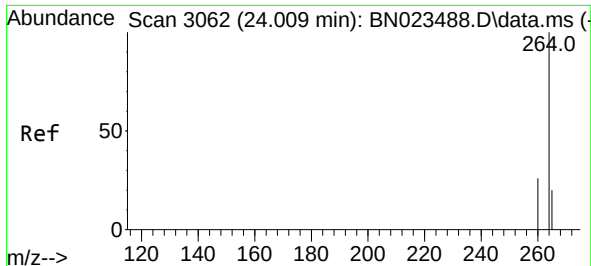
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.6

279 3.3 2.2 3.4

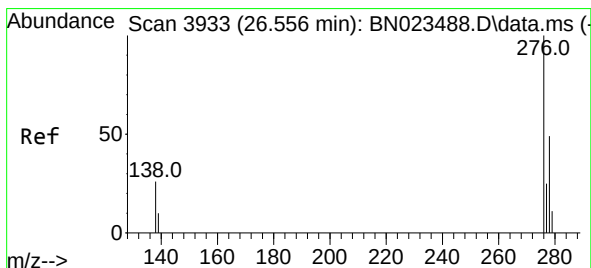
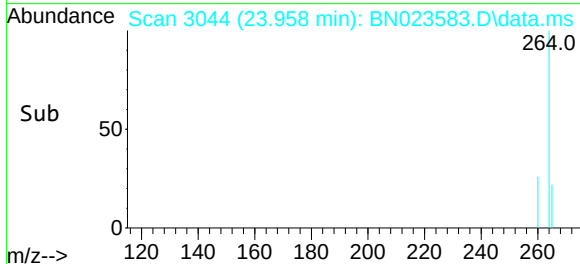
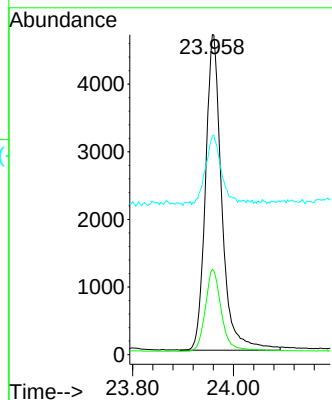
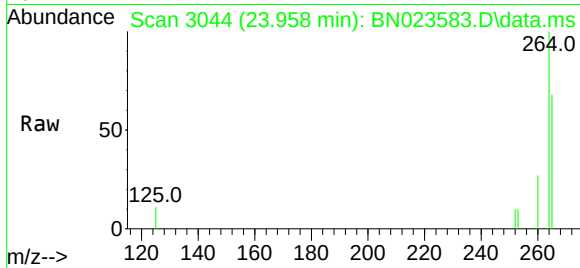




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.958 min Scan# 3062  
 Delta R.T. -0.008 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

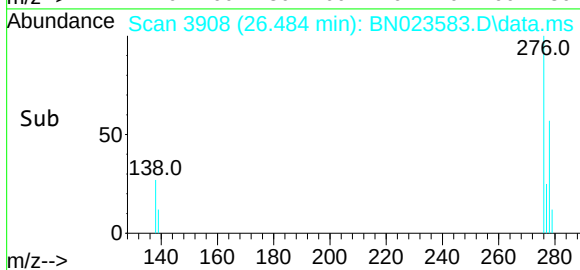
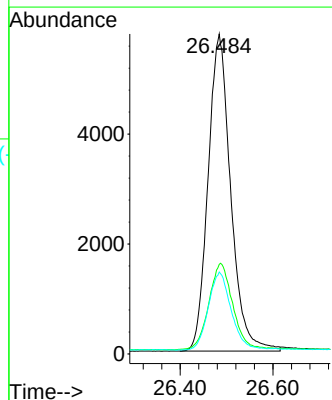
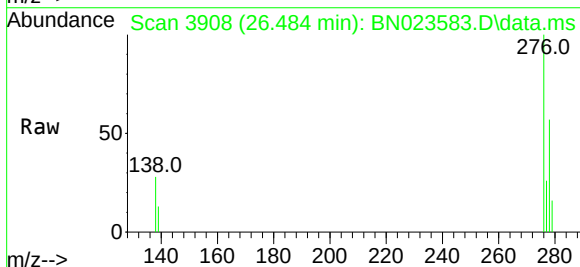
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150094BSD

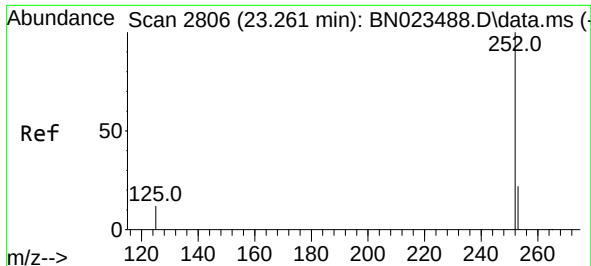
Tgt Ion:264 Resp: 10482  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 21.1 31.7  
 265 68.4 48.9 73.3



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.501 ng  
 RT: 26.484 min Scan# 3908  
 Delta R.T. -0.002 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

Tgt Ion:276 Resp: 19593  
 Ion Ratio Lower Upper  
 276 100  
 138 28.9 23.0 34.6  
 277 24.8 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.476 ng

RT: 23.218 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN023583.D

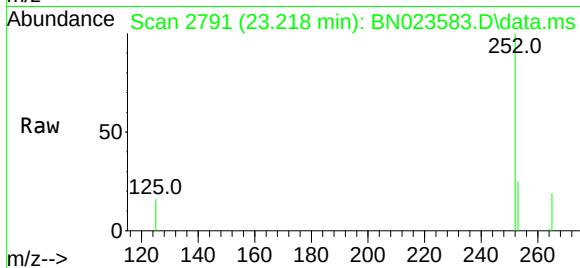
Acq: 06 Jan 2023 22:24

Instrument :

BNA\_N

ClientSampleId :

PB150094BSD



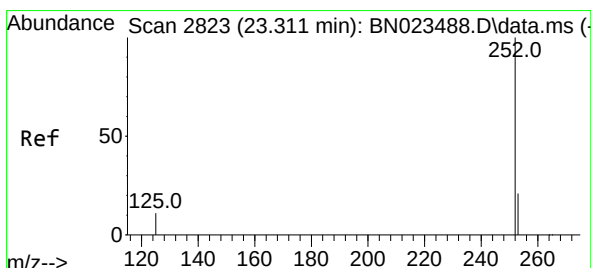
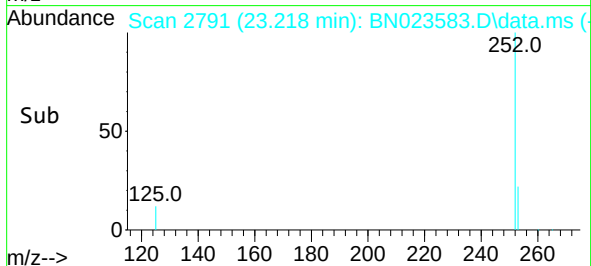
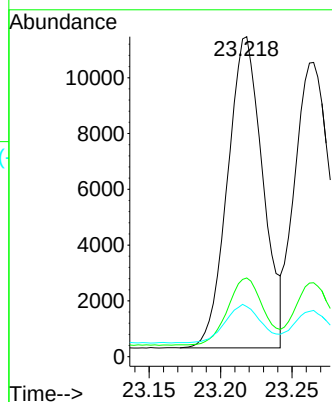
Tgt Ion:252 Resp: 19177

Ion Ratio Lower Upper

252 100

253 24.6 20.7 31.1

125 15.7 13.4 20.2



#38

Benzo(k)fluoranthene

Concen: 0.459 ng

RT: 23.265 min Scan# 2807

Delta R.T. -0.005 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

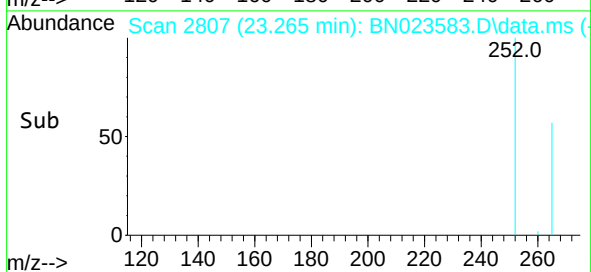
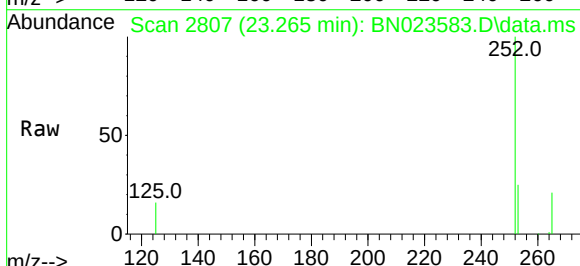
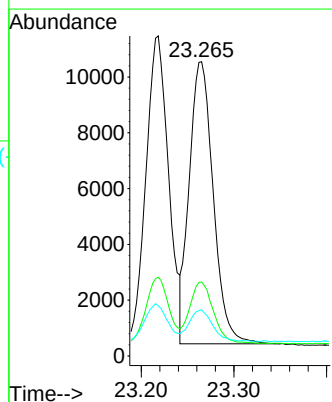
Tgt Ion:252 Resp: 18186

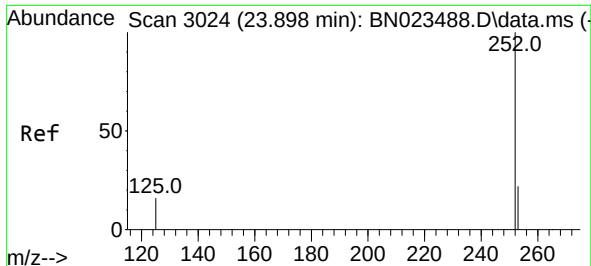
Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.4

125 15.7 13.0 19.6





#39

Benzo(a)pyrene

Concen: 0.449 ng

RT: 23.850 min Scan# 30

Delta R.T. -0.005 min

Lab File: BN023583.D

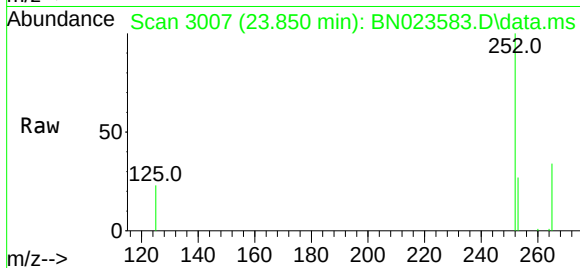
Acq: 06 Jan 2023 22:24

Instrument :

BNA\_N

ClientSampleId :

PB150094BSD



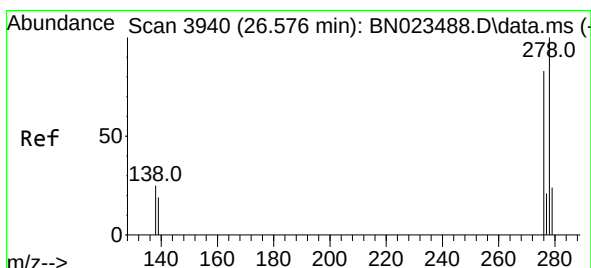
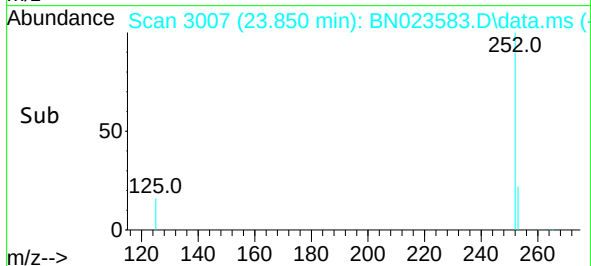
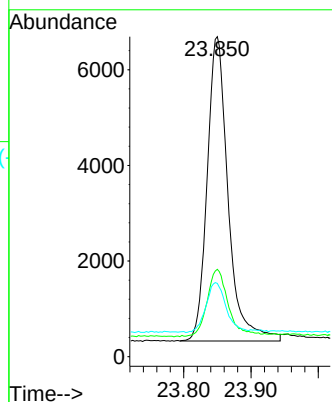
Tgt Ion:252 Resp: 13799

Ion Ratio Lower Upper

252 100

253 27.3 22.3 33.5

125 22.9 18.7 28.1



#40

Dibenzo(a,h)anthracene

Concen: 0.527 ng

RT: 26.504 min Scan# 3915

Delta R.T. -0.002 min

Lab File: BN023583.D

Acq: 06 Jan 2023 22:24

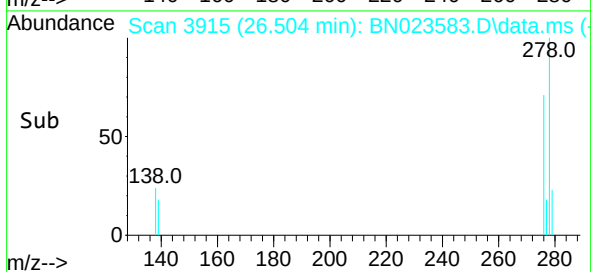
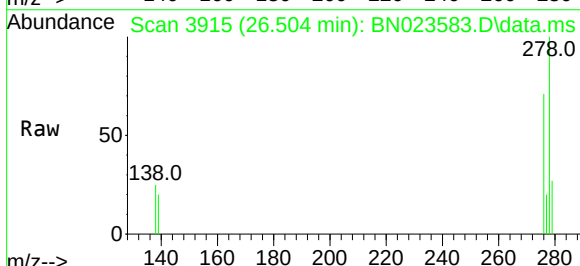
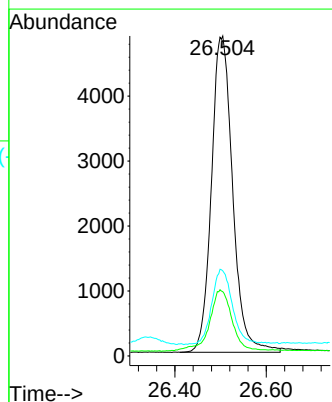
Tgt Ion:278 Resp: 15726

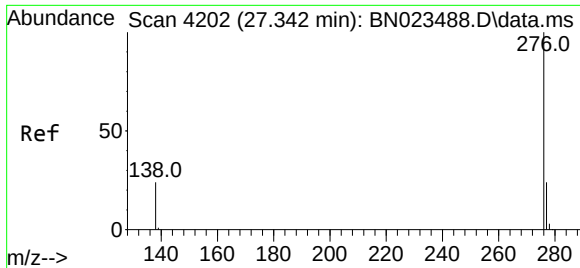
Ion Ratio Lower Upper

278 100

139 20.1 17.7 26.5

279 26.6 22.2 33.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.482 ng  
 RT: 27.256 min Scan# 41  
 Delta R.T. -0.011 min  
 Lab File: BN023583.D  
 Acq: 06 Jan 2023 22:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150094BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 16613 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.8  | 20.0  | 30.0  |
| 138       | 26.1  | 20.6  | 31.0  |

