

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051123\  
 Data File : BN025400.D  
 Acq On : 11 May 2023 14:38  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN051123

Quant Time: May 12 00:58:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 12 00:57:16 2023  
 Response via : Initial Calibration

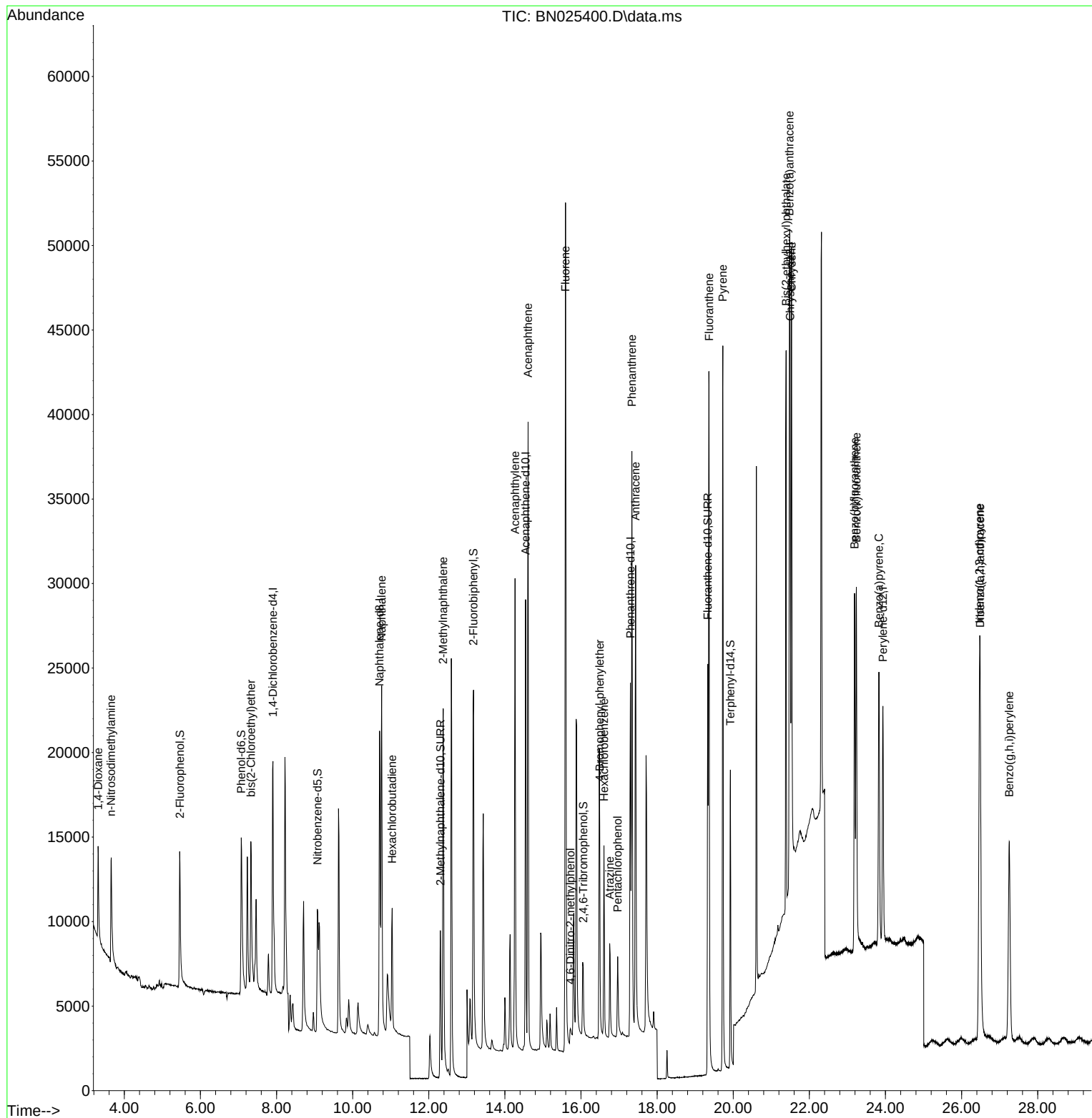
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 8239     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.707 | 136  | 26635    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.544 | 164  | 15277    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.299 | 188  | 31006    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.495 | 240  | 21315    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.932 | 264  | 19953    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.463  | 112  | 8576     | 0.449 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.073  | 99   | 11720    | 0.452 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.074  | 82   | 9236     | 0.429 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.306 | 152  | 15478    | 0.441 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.057 | 330  | 3403     | 0.417 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.176 | 172  | 23807    | 0.449 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.330 | 212  | 30138    | 0.425 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.924 | 244  | 23964    | 0.467 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.318  | 88   | 3622     | 0.476 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.650  | 42   | 5511     | 0.451 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.326  | 93   | 8327     | 0.420 | ng    | 97       |
| 9) Naphthalene                | 10.761 | 128  | 29883    | 0.445 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.038 | 225  | 5801     | 0.445 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.377 | 142  | 20425    | 0.440 | ng    | 97       |
| 16) Acenaphthylene            | 14.267 | 152  | 31172    | 0.439 | ng    | 99       |
| 17) Acenaphthene              | 14.609 | 154  | 19001    | 0.452 | ng    | 99       |
| 18) Fluorene                  | 15.592 | 166  | 24852    | 0.447 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.722 | 198  | 433      | 0.431 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 16.492 | 248  | 7760     | 0.444 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.603 | 284  | 8686     | 0.450 | ng    | 100      |
| 23) Atrazine                  | 16.752 | 200  | 5929     | 0.418 | ng    | 99       |
| 24) Pentachlorophenol         | 16.963 | 266  | 3050     | 0.386 | ng    | 99       |
| 25) Phenanthrene              | 17.336 | 178  | 36904    | 0.440 | ng    | 100      |
| 26) Anthracene                | 17.435 | 178  | 34635    | 0.425 | ng    | 100      |
| 28) Fluoranthene              | 19.363 | 202  | 41036    | 0.422 | ng    | 99       |
| 30) Pyrene                    | 19.726 | 202  | 42220    | 0.470 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.477 | 228  | 31924    | 0.439 | ng    | 98       |
| 33) Chrysene                  | 21.531 | 228  | 33513    | 0.475 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.388 | 149  | 30892    | 0.441 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.470 | 276  | 32738    | 0.446 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.186 | 252  | 27817    | 0.425 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 23.236 | 252  | 29468    | 0.438 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.827 | 252  | 28031    | 0.440 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 26.487 | 278  | 26158    | 0.447 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.253 | 276  | 27477    | 0.445 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

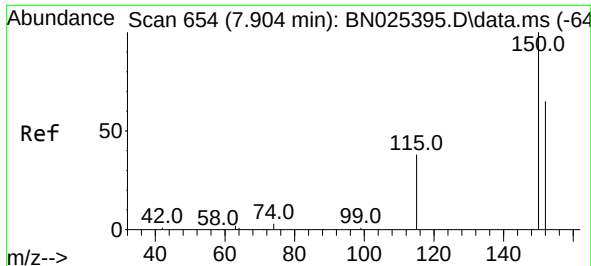
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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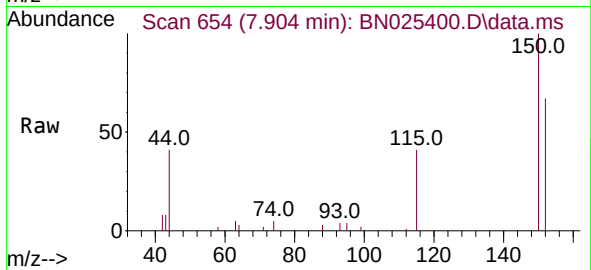
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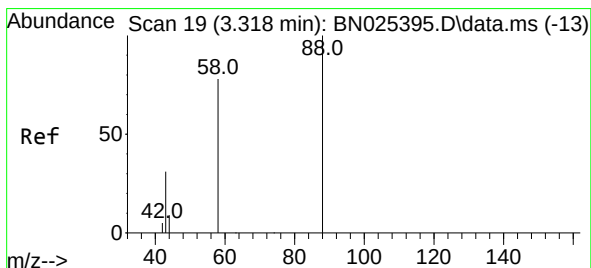
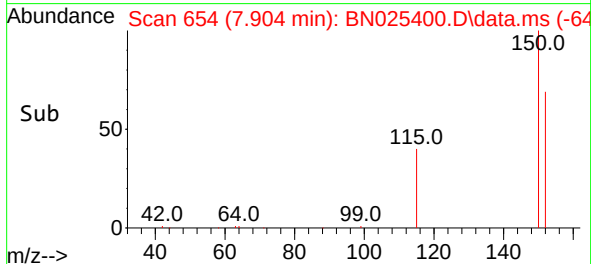
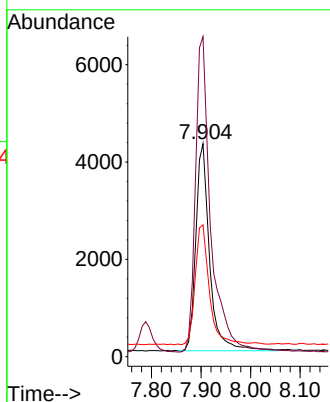
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.904 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN025400.D  
 Acq: 11 May 2023 14:38

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 BNA\_N  
 ClientSampleId :  
 ICVBN051123



Tgt Ion:152 Resp: 8239

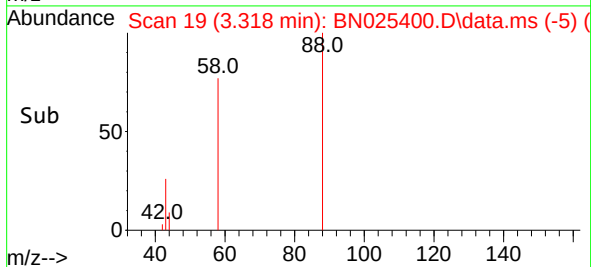
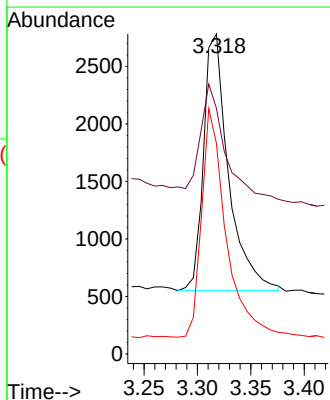
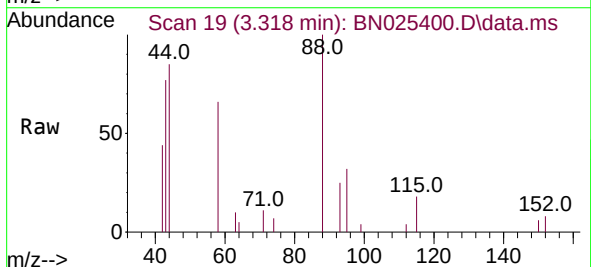
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 150.3 | 121.4 | 182.2 |
| 115 | 61.9  | 50.6  | 76.0  |

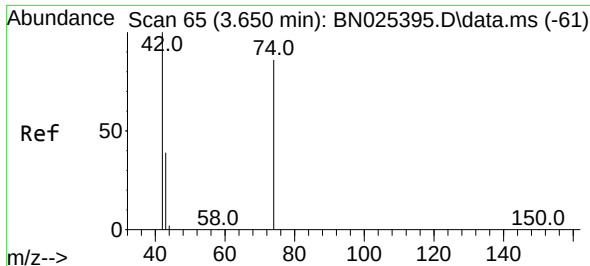


#2  
 1,4-Dioxane  
 Concen: 0.476 ng  
 RT: 3.318 min Scan# 19  
 Delta R.T. 0.000 min  
 Lab File: BN025400.D  
 Acq: 11 May 2023 14:38

Tgt Ion: 88 Resp: 3622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 43.8  | 37.4  | 56.2  |
| 58  | 87.1  | 71.5  | 107.3 |

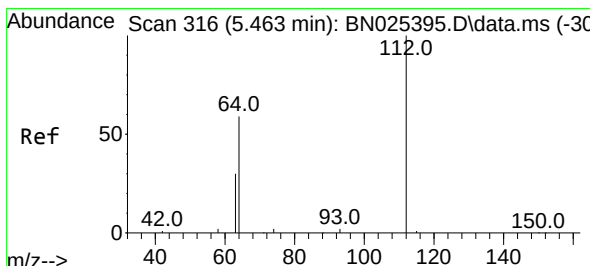
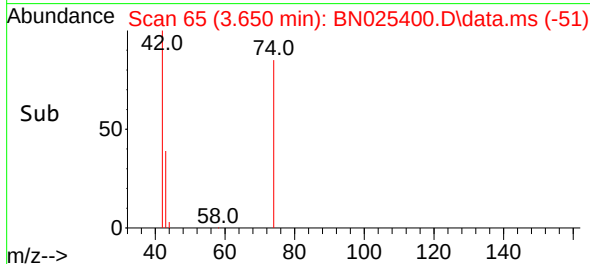
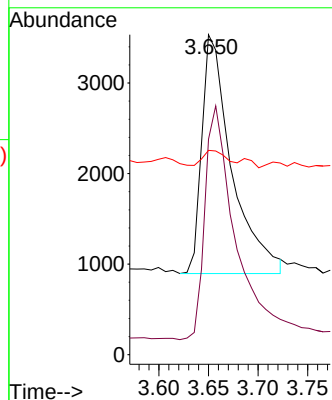
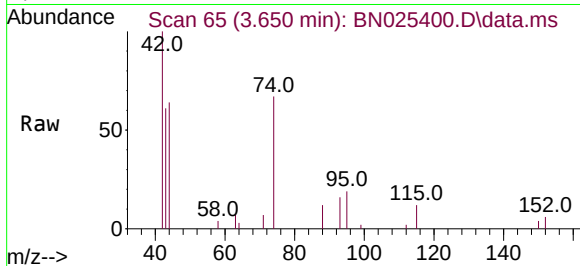




#3  
n-Nitrosodimethylamine  
Concen: 0.451 ng  
RT: 3.650 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

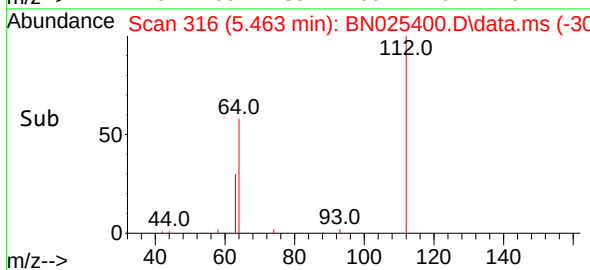
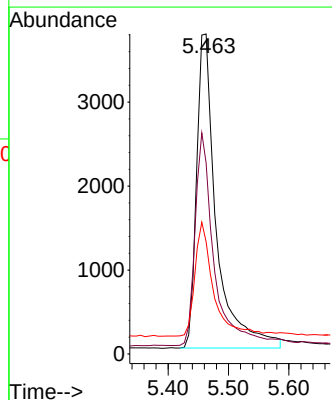
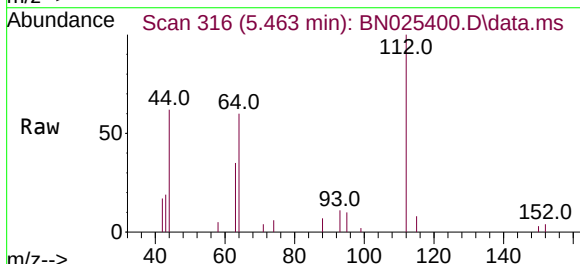
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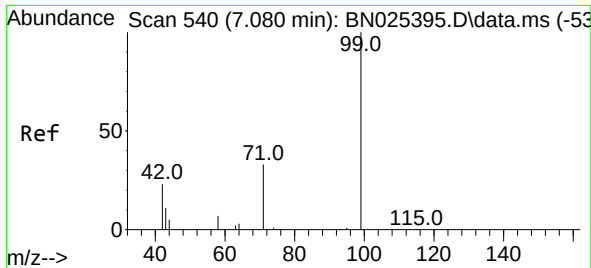
Tgt Ion: 42 Resp: 5511  
Ion Ratio Lower Upper  
42 100  
74 99.5 82.2 123.4  
44 4.6 7.8 11.8#



#4  
2-Fluorophenol  
Concen: 0.449 ng  
RT: 5.463 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion: 112 Resp: 8576  
Ion Ratio Lower Upper  
112 100  
64 64.7 51.9 77.9  
63 34.3 27.4 41.2





#5

Phenol-d6

Concen: 0.452 ng

RT: 7.073 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

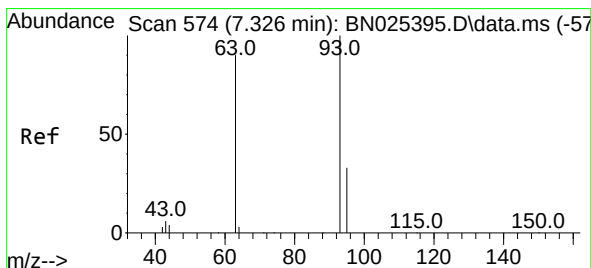
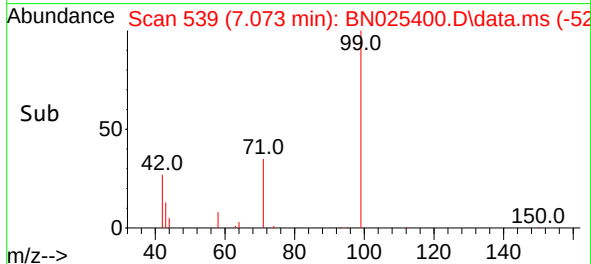
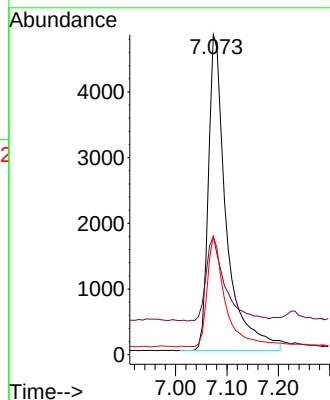
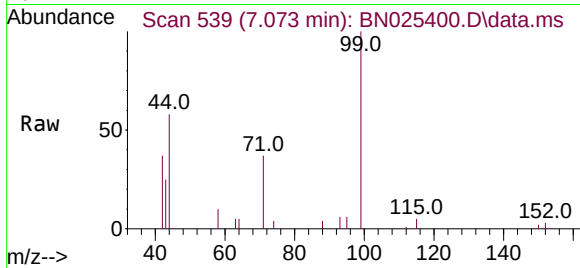
Tgt Ion: 99 Resp: 11720

Ion Ratio Lower Upper

99 100

42 28.0 23.5 35.3

71 34.9 28.1 42.1



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.326 min Scan# 574

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

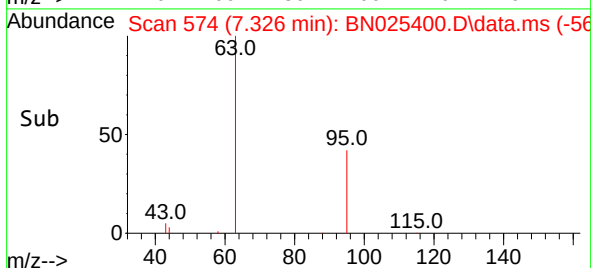
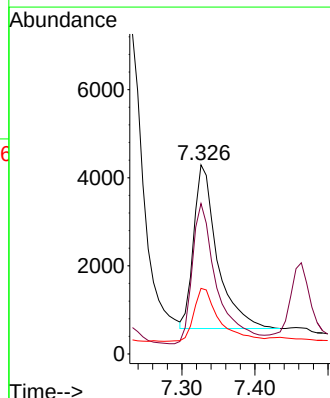
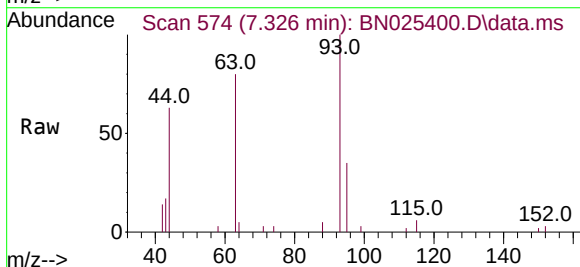
Tgt Ion: 93 Resp: 8327

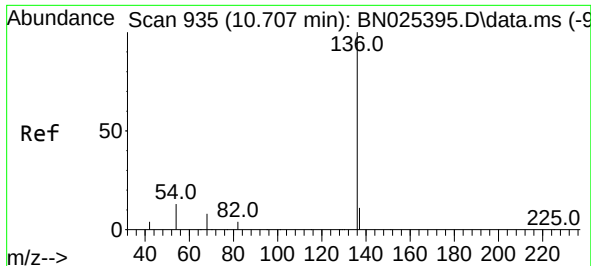
Ion Ratio Lower Upper

93 100

63 90.3 71.3 106.9

95 34.7 31.0 46.4

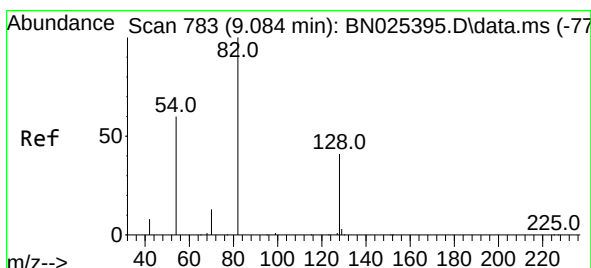
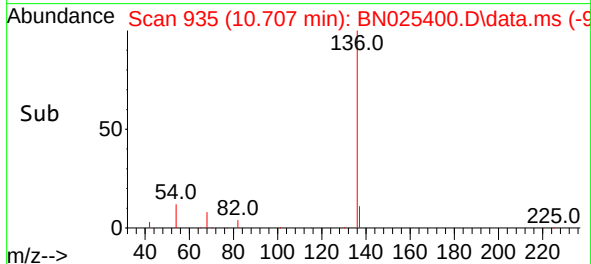
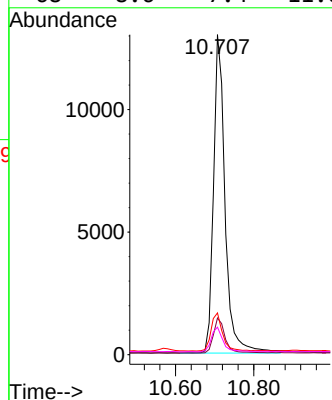
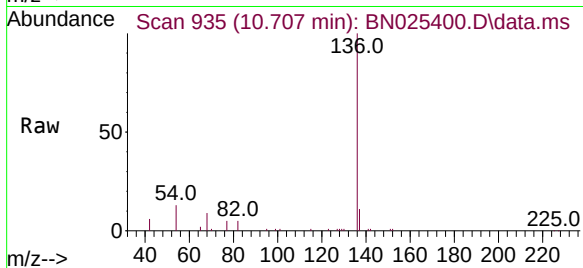




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

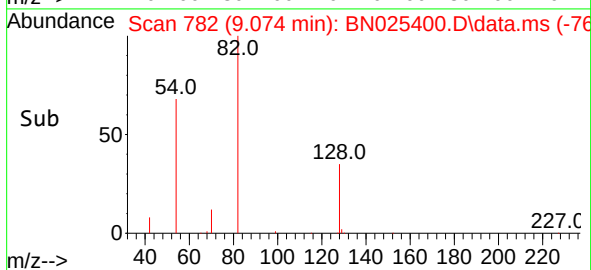
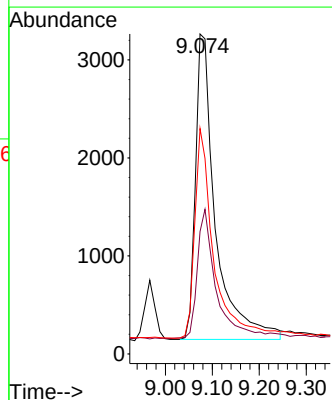
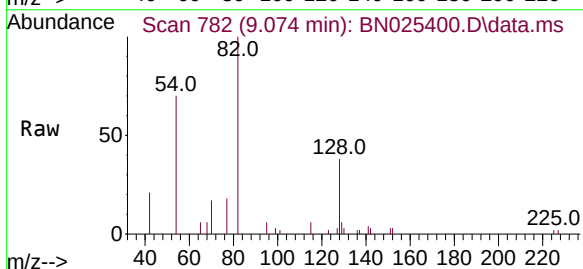
Instrument :  
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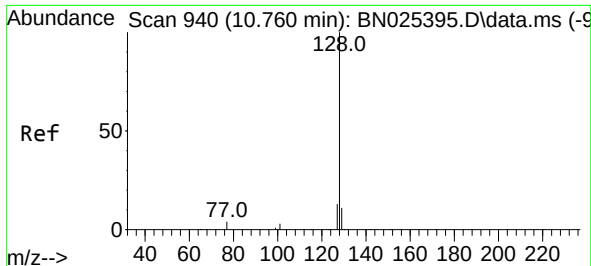
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 26635 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.1   | 13.7  |
| 54       | 13.1  | 11.2  | 16.8  |
| 68       | 8.6   | 7.4   | 11.0  |



#8  
Nitrobenzene-d5  
Concen: 0.429 ng  
RT: 9.074 min Scan# 782  
Delta R.T. -0.010 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 9236  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.3  | 35.8  | 53.8  |
| 54       | 70.5  | 50.4  | 75.6  |

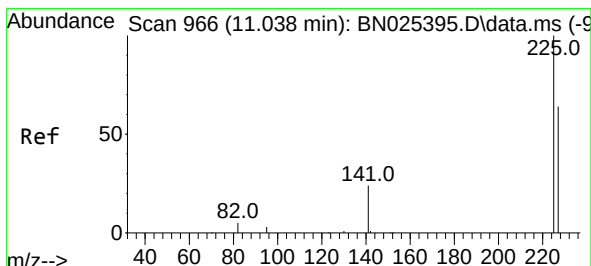
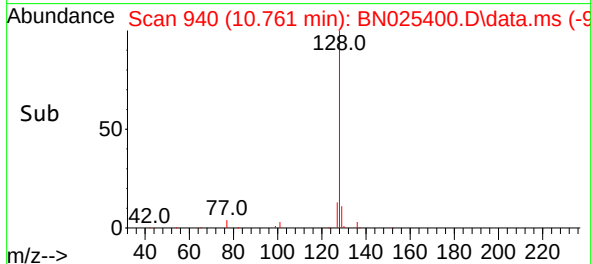
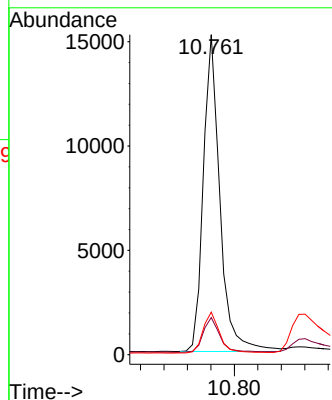
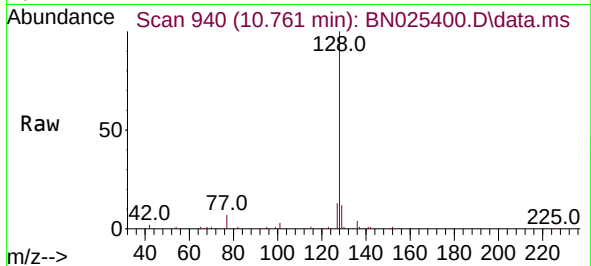




#9  
Naphthalene  
Concen: 0.445 ng  
RT: 10.761 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

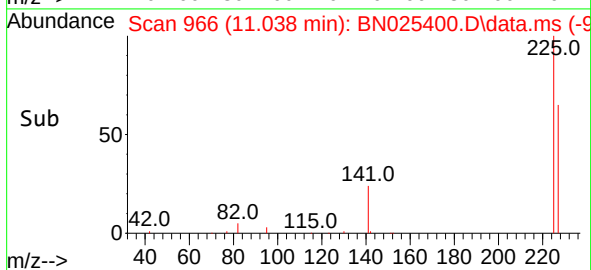
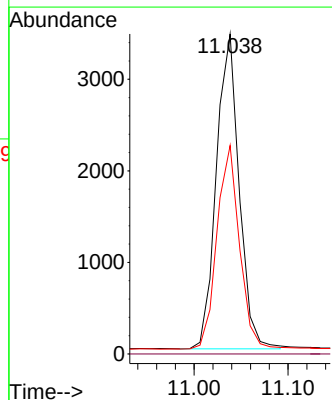
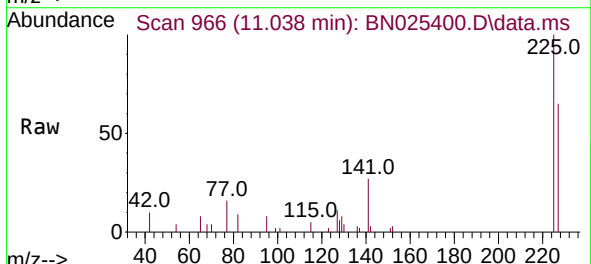
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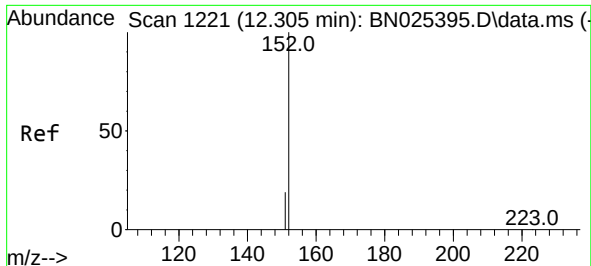
Tgt Ion:128 Resp: 29883  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.3 13.9  
127 13.3 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.445 ng  
RT: 11.038 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:225 Resp: 5801  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 50.8 76.2

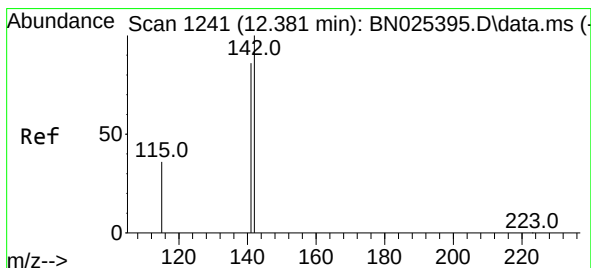
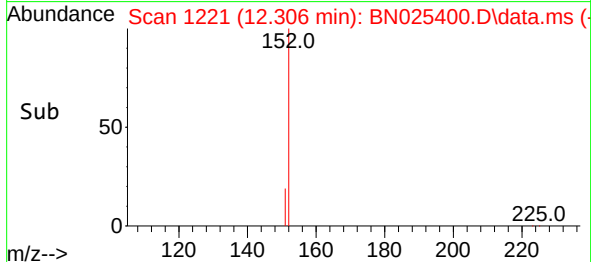
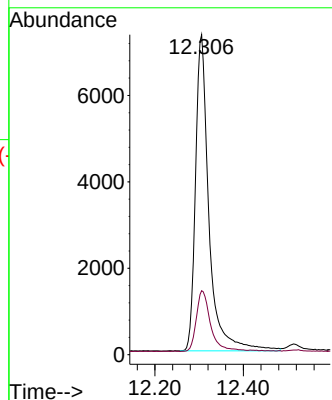
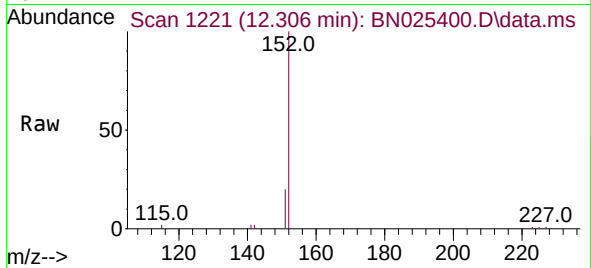




#11  
2-Methylnaphthalene-d10  
Concen: 0.441 ng  
RT: 12.306 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

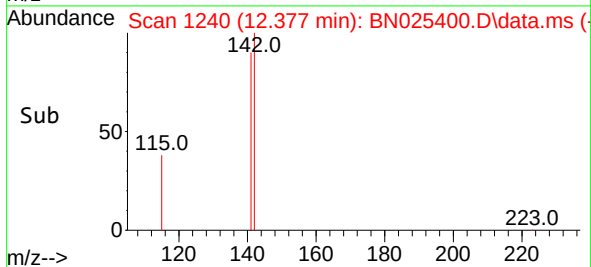
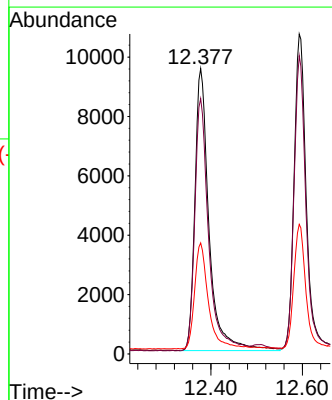
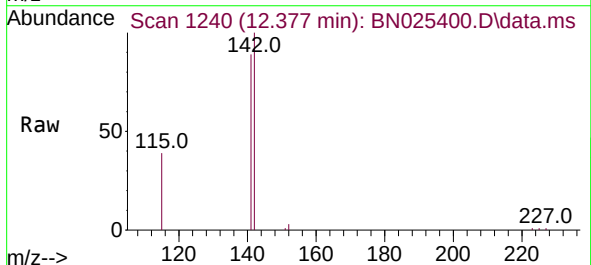
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BNA\_N  
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ICVBN051123

Tgt Ion:152 Resp: 15478  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.1 24.1

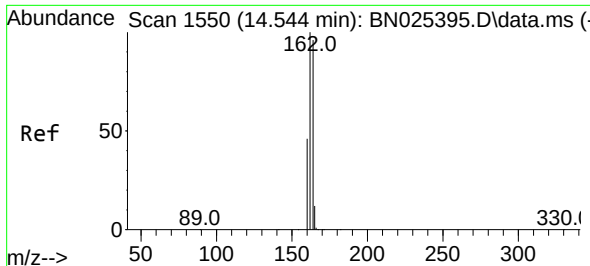


#12  
2-Methylnaphthalene  
Concen: 0.440 ng  
RT: 12.377 min Scan# 1240  
Delta R.T. -0.004 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:142 Resp: 20425  
Ion Ratio Lower Upper  
142 100  
141 89.5 69.3 103.9  
115 38.9 30.2 45.4



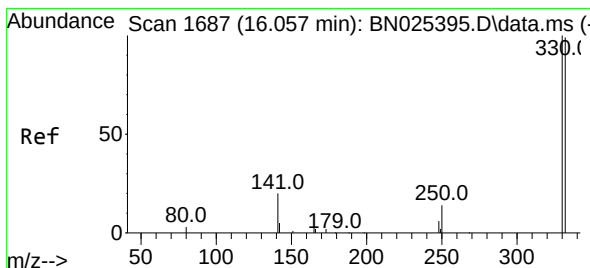
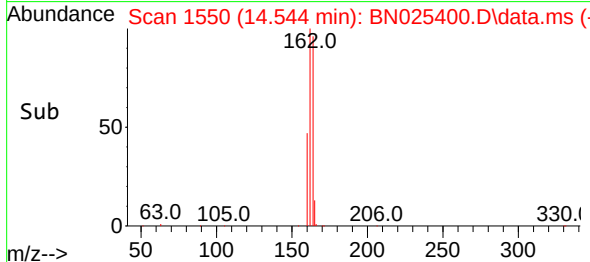
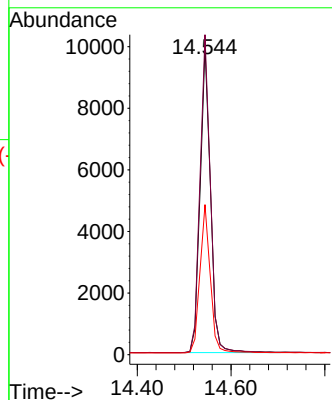
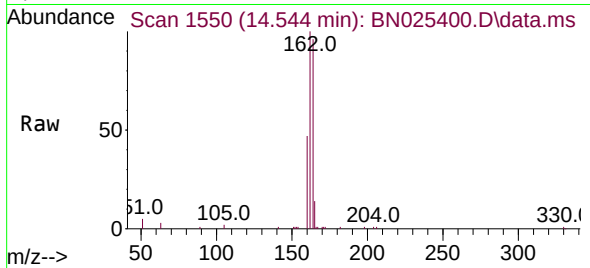




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.544 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

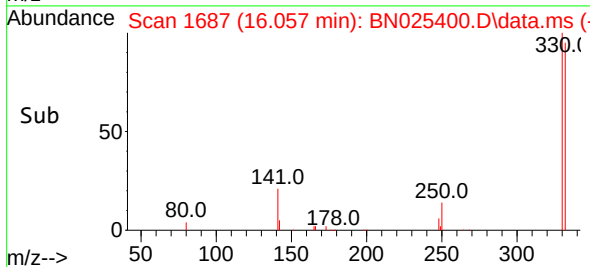
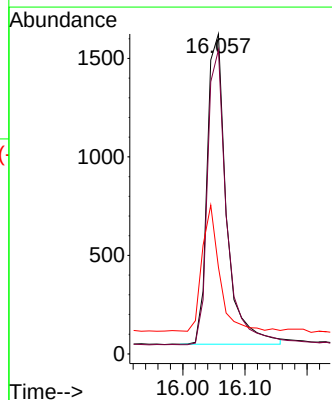
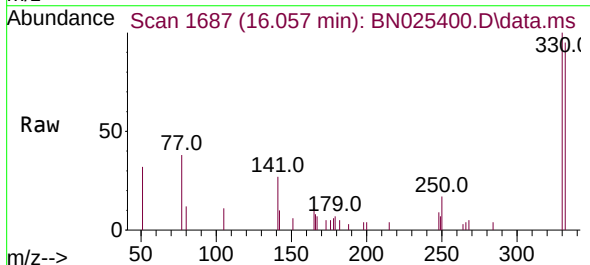
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

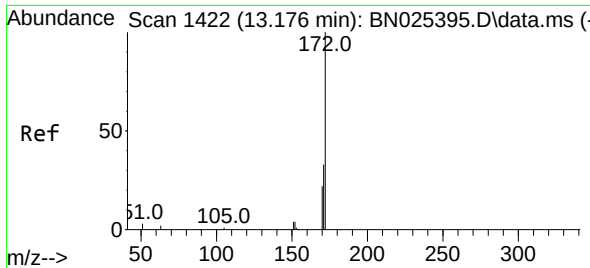
Tgt Ion:164 Resp: 15277  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.2 124.8  
160 48.7 38.8 58.2



#14  
2,4,6-Tribromophenol  
Concen: 0.417 ng  
RT: 16.057 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:330 Resp: 3403  
Ion Ratio Lower Upper  
330 100  
332 95.1 78.0 117.0  
141 36.3 30.2 45.2

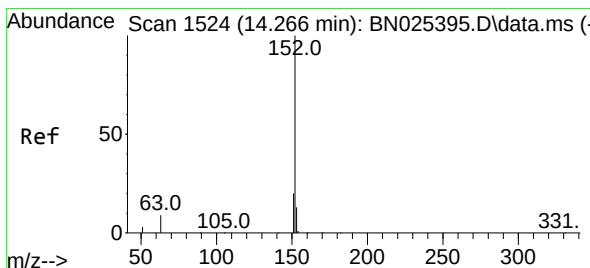
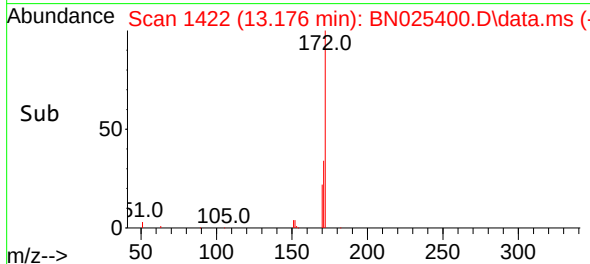
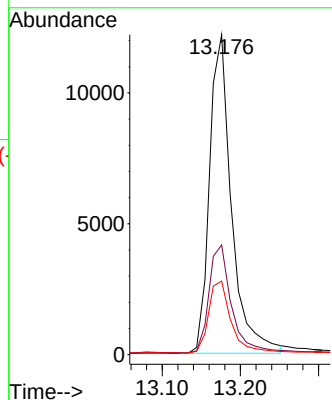
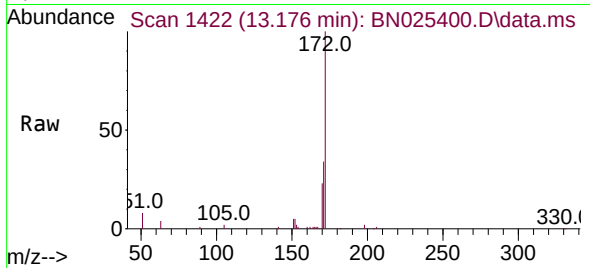




#15  
2-Fluorobiphenyl  
Concen: 0.449 ng  
RT: 13.176 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

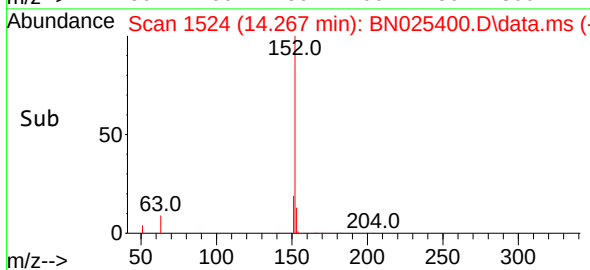
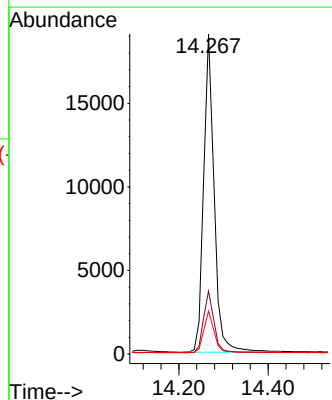
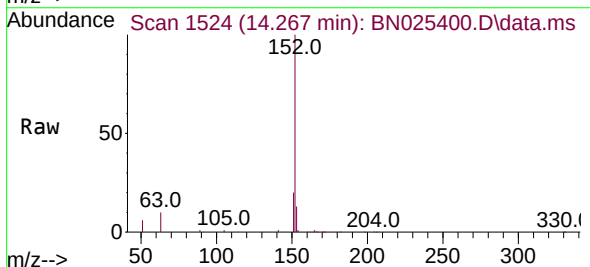
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

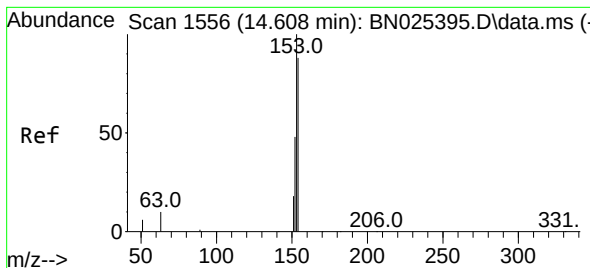
Tgt Ion:172 Resp: 23807  
Ion Ratio Lower Upper  
172 100  
171 34.3 26.7 40.1  
170 23.0 17.8 26.8



#16  
Acenaphthylene  
Concen: 0.439 ng  
RT: 14.267 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:152 Resp: 31172  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.9 23.9  
153 13.0 10.7 16.1





#17

Acenaphthene

Concen: 0.452 ng

RT: 14.609 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

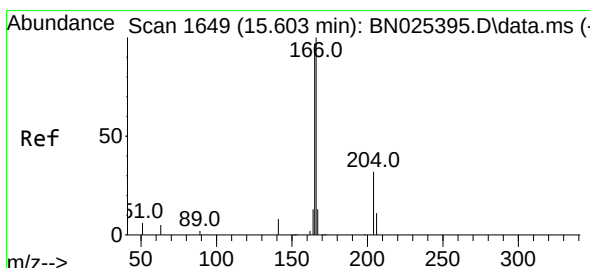
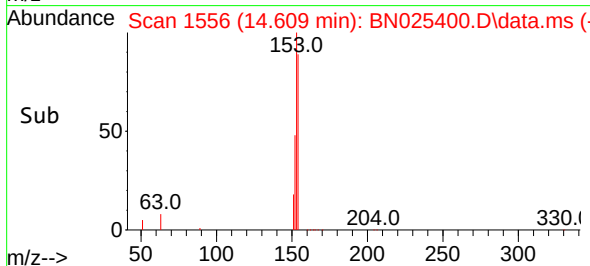
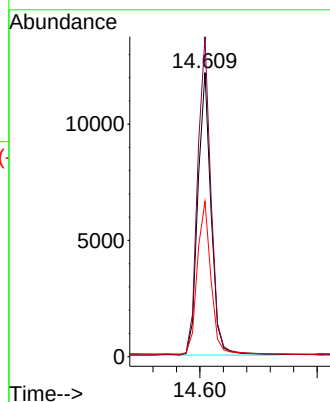
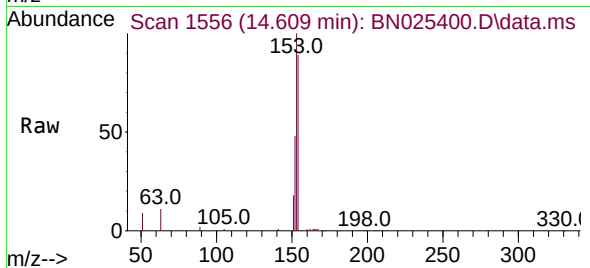
Tgt Ion:154 Resp: 19001

Ion Ratio Lower Upper

154 100

153 113.9 91.7 137.5

152 55.6 44.6 66.8



#18

Fluorene

Concen: 0.447 ng

RT: 15.592 min Scan# 1648

Delta R.T. -0.010 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

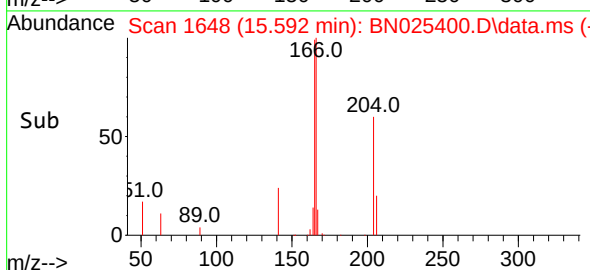
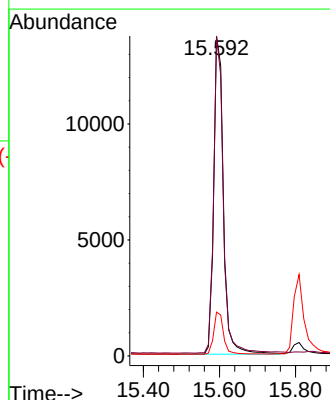
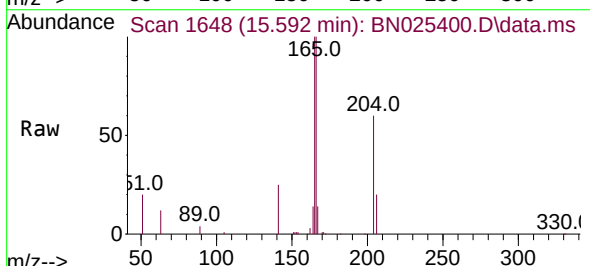
Tgt Ion:166 Resp: 24852

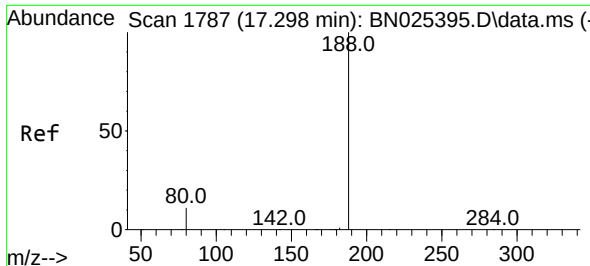
Ion Ratio Lower Upper

166 100

165 98.5 78.7 118.1

167 13.4 10.7 16.1

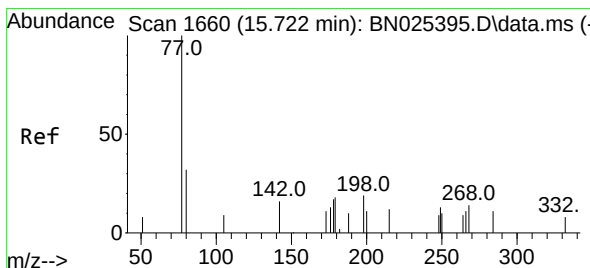
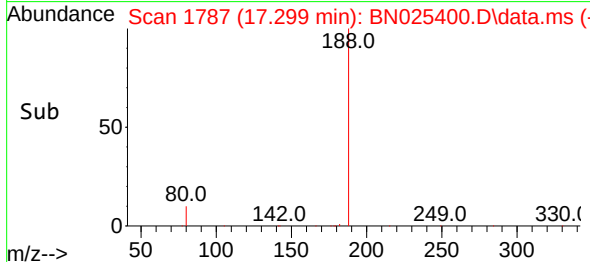
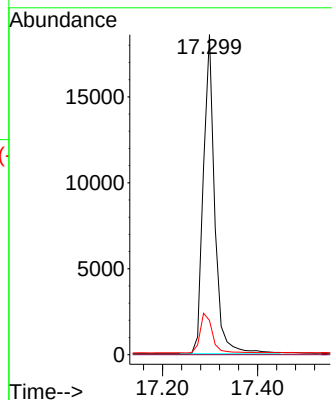
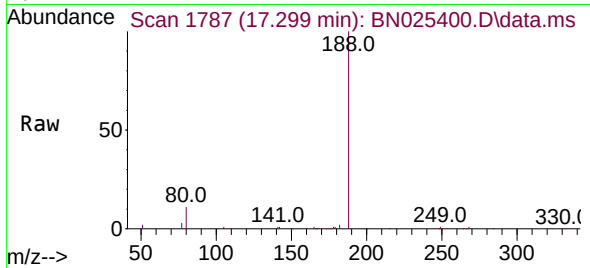




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.299 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

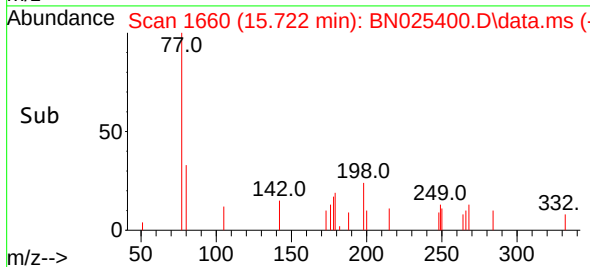
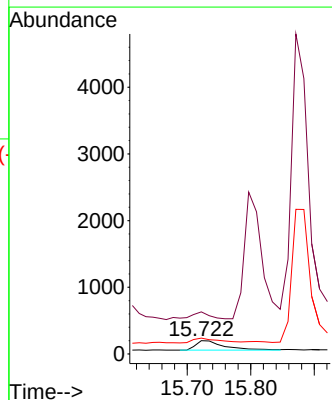
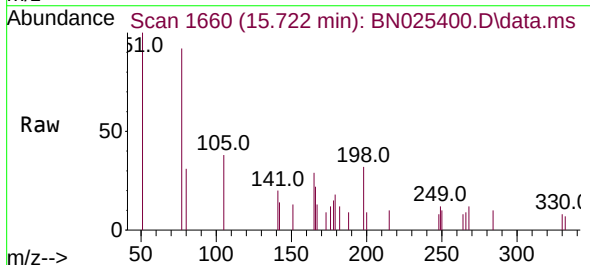
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

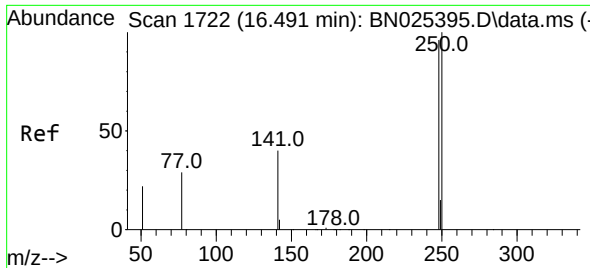
Tgt Ion:188 Resp: 31006  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 9.4 14.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.431 ng  
RT: 15.722 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:198 Resp: 433  
Ion Ratio Lower Upper  
198 100  
51 316.0 259.2 388.8  
105 119.0 112.6 168.8

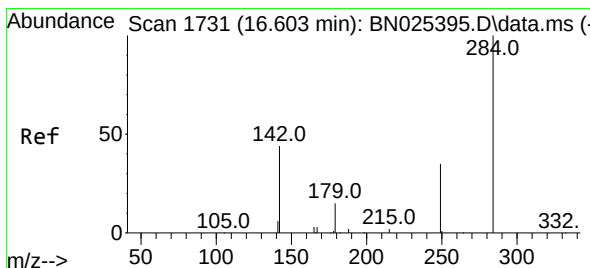
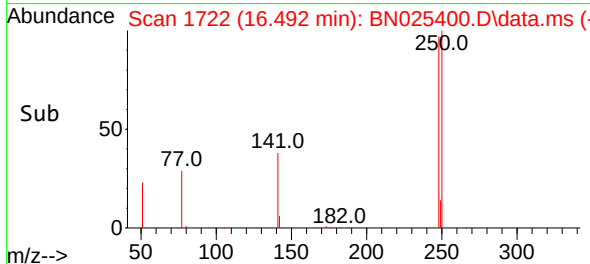
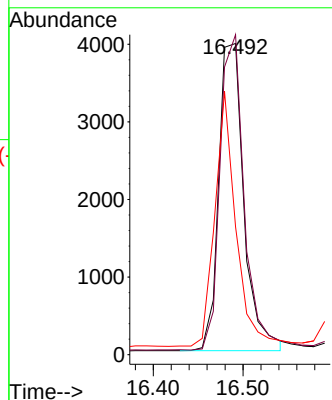
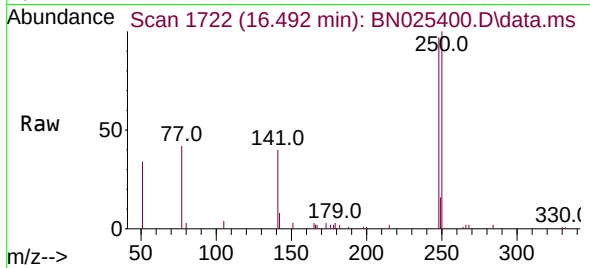




#21  
4-Bromophenyl-phenylether  
Concen: 0.444 ng  
RT: 16.492 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

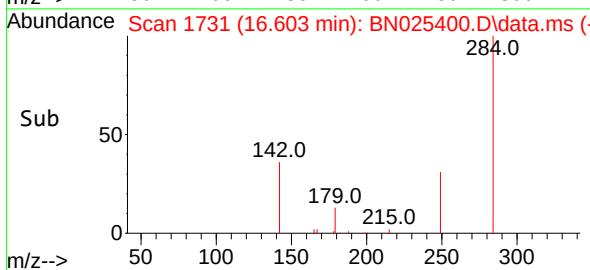
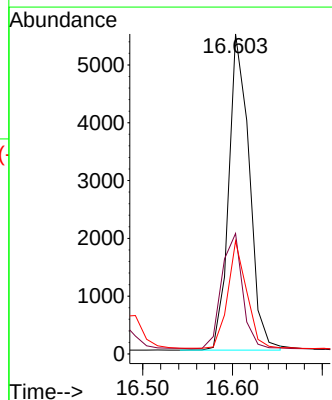
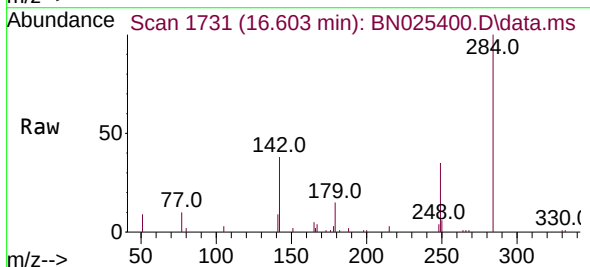
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

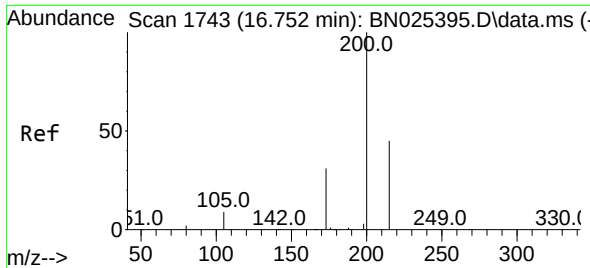
Tgt Ion:248 Resp: 7760  
Ion Ratio Lower Upper  
248 100  
250 102.8 83.1 124.7  
141 41.1 35.0 52.6



#22  
Hexachlorobenzene  
Concen: 0.450 ng  
RT: 16.603 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:284 Resp: 8686  
Ion Ratio Lower Upper  
284 100  
142 37.2 29.7 44.5  
249 31.2 24.7 37.1

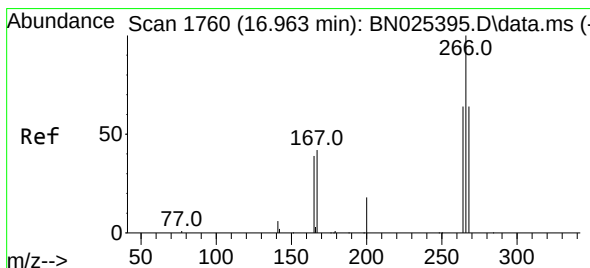
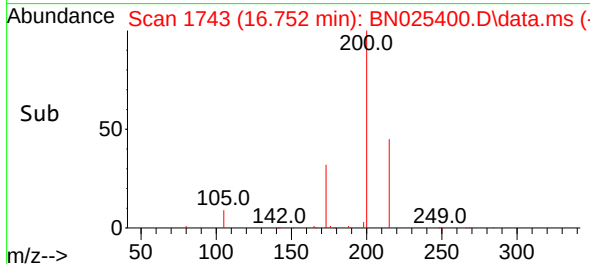
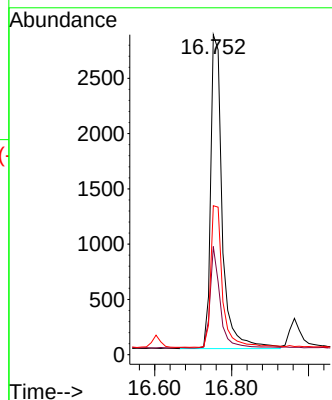
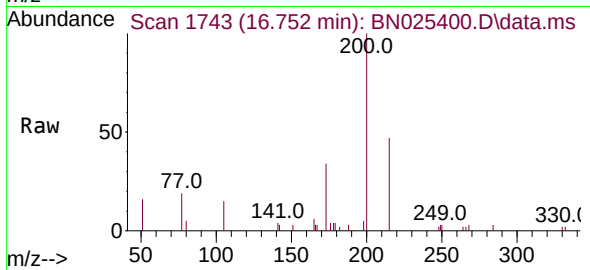




#23  
Atrazine  
Concen: 0.418 ng  
RT: 16.752 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

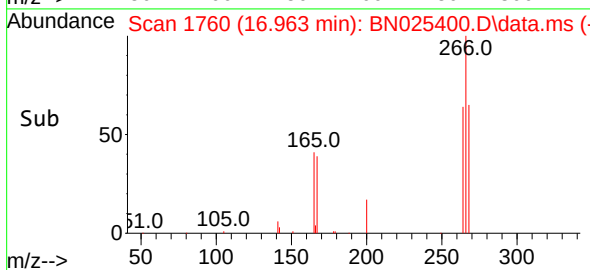
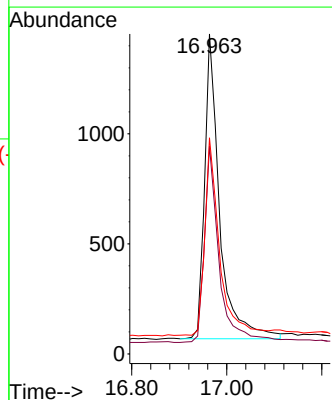
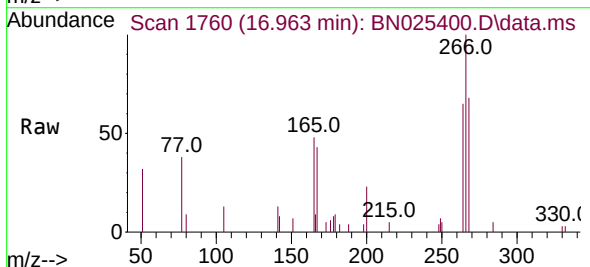
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

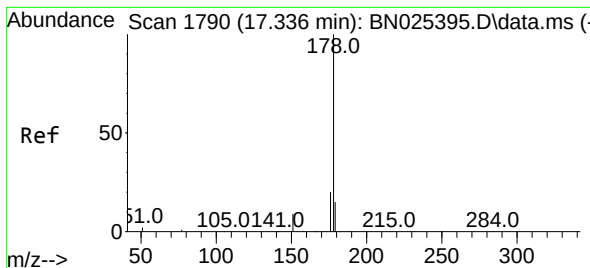
Tgt Ion:200 Resp: 5929  
Ion Ratio Lower Upper  
200 100  
173 33.8 26.5 39.7  
215 46.5 37.0 55.4



#24  
Pentachlorophenol  
Concen: 0.386 ng  
RT: 16.963 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:266 Resp: 3050  
Ion Ratio Lower Upper  
266 100  
264 62.9 50.1 75.1  
268 63.3 49.3 73.9





#25

Phenanthrene

Concen: 0.440 ng

RT: 17.336 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

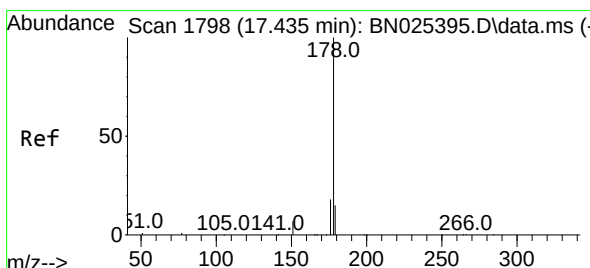
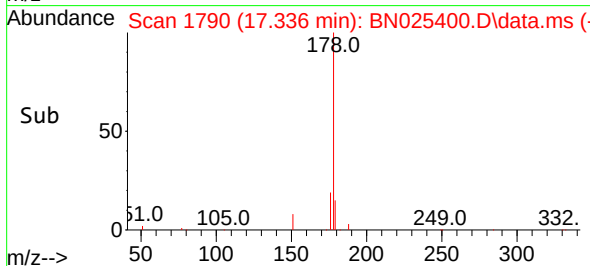
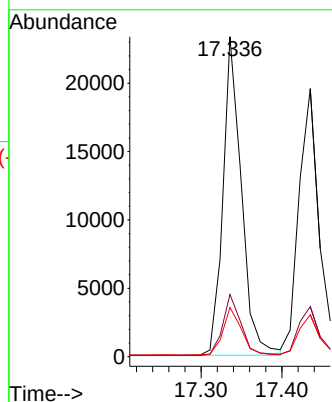
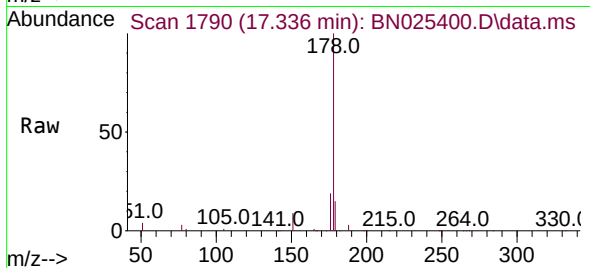
Tgt Ion:178 Resp: 36904

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.3 12.1 18.1



#26

Anthracene

Concen: 0.425 ng

RT: 17.435 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

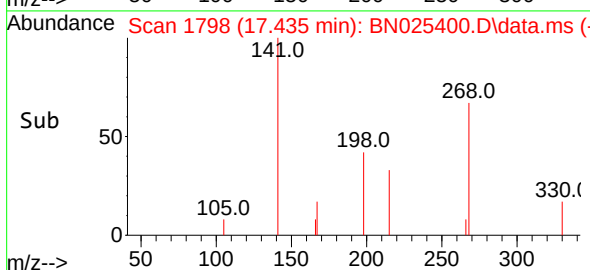
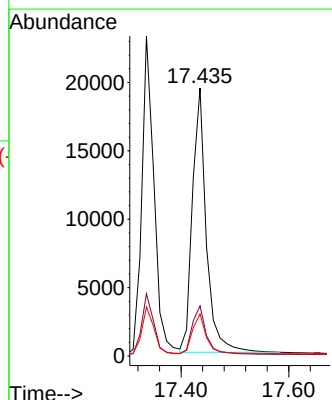
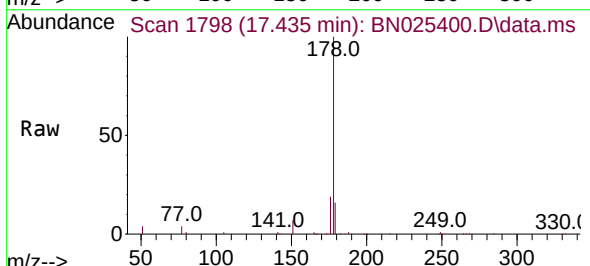
Tgt Ion:178 Resp: 34635

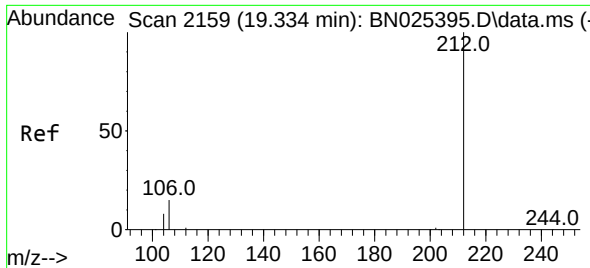
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.1 12.0 18.0

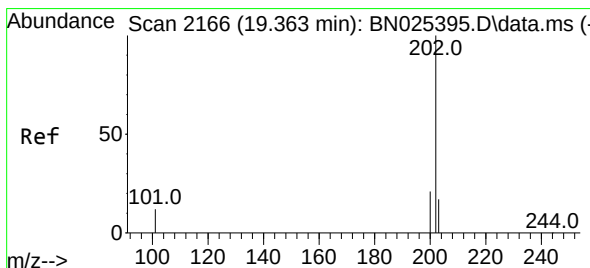
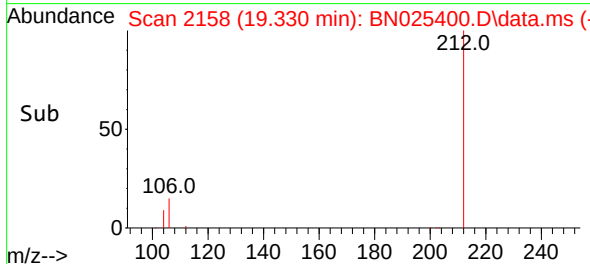
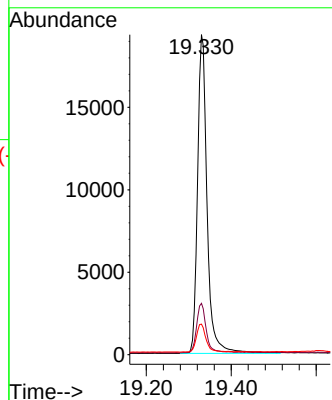
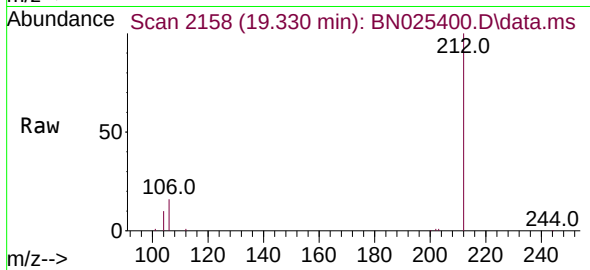




#27  
Fluoranthene-d10  
Concen: 0.425 ng  
RT: 19.330 min Scan# 2158  
Delta R.T. -0.004 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

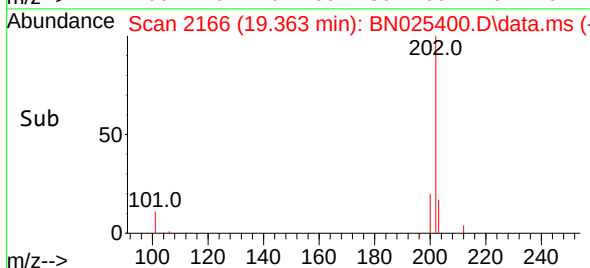
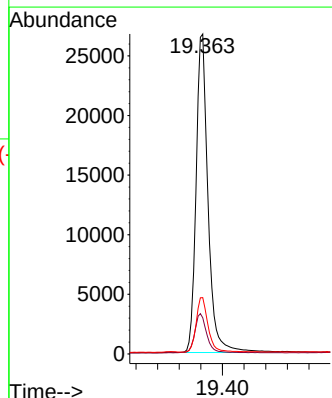
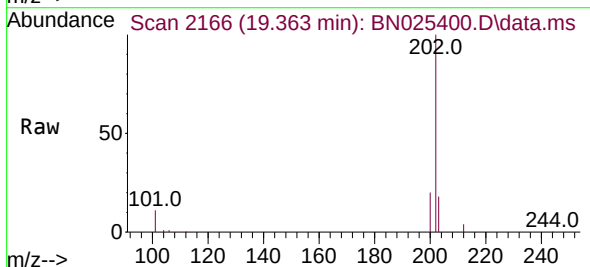
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

Tgt Ion:212 Resp: 30138  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.8 7.0 10.4

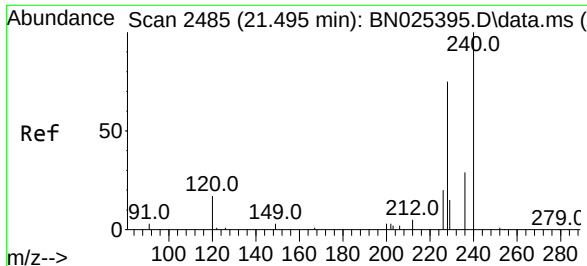


#28  
Fluoranthene  
Concen: 0.422 ng  
RT: 19.363 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:202 Resp: 41036  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.8 14.8  
203 16.9 13.8 20.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.495 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

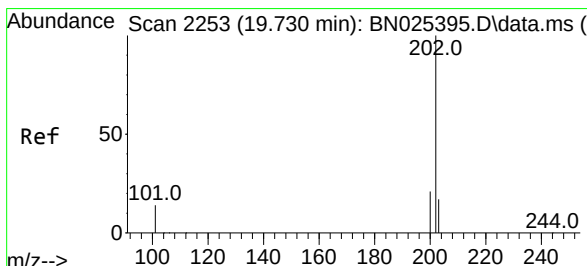
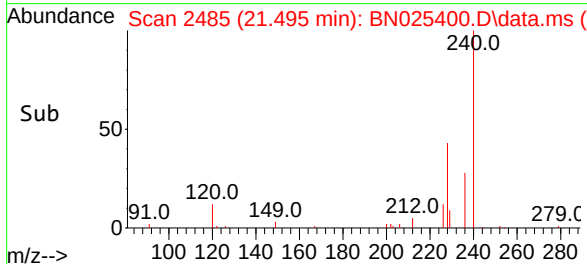
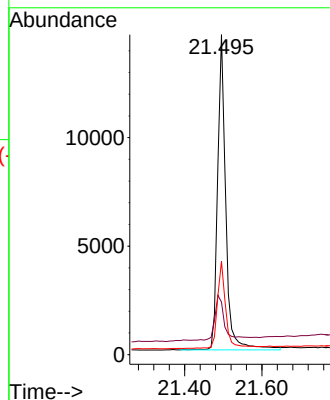
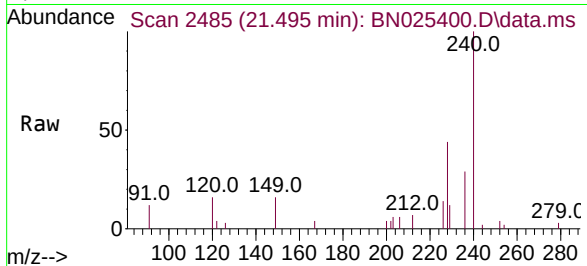
Tgt Ion:240 Resp: 21315

Ion Ratio Lower Upper

240 100

120 16.4 19.0 28.6#

236 29.1 25.0 37.6



#30

Pyrene

Concen: 0.470 ng

RT: 19.726 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

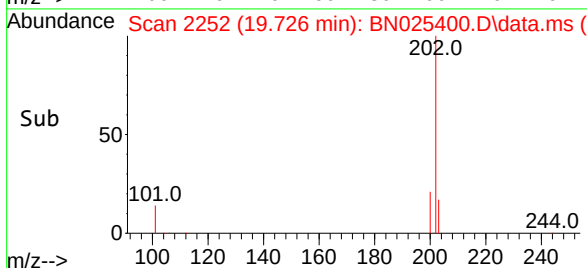
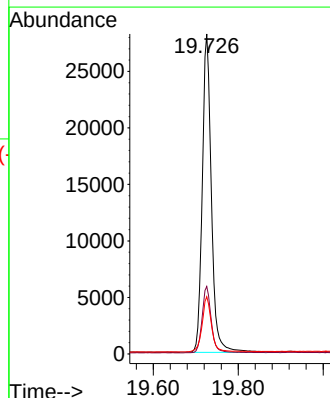
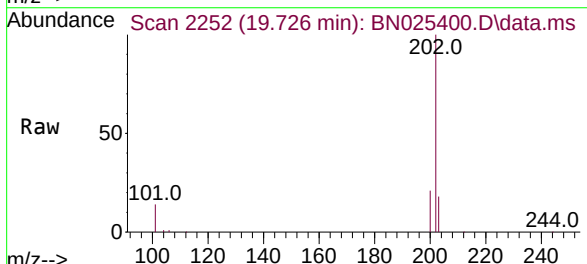
Tgt Ion:202 Resp: 42220

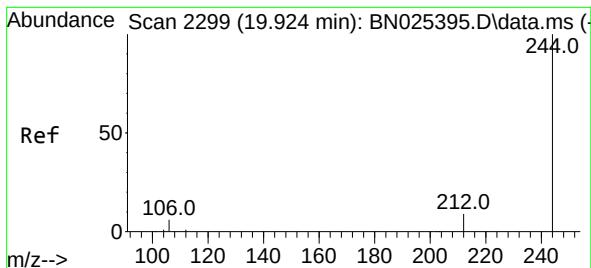
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.6 14.4 21.6





#31

Terphenyl-d14

Concen: 0.467 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

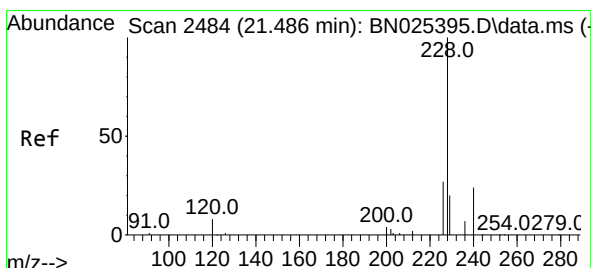
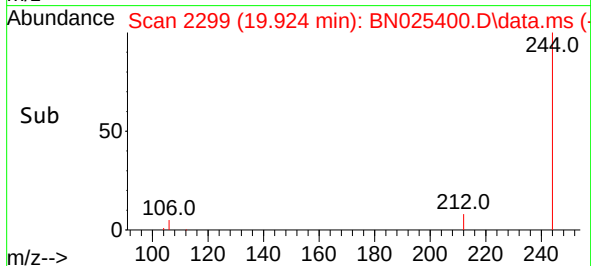
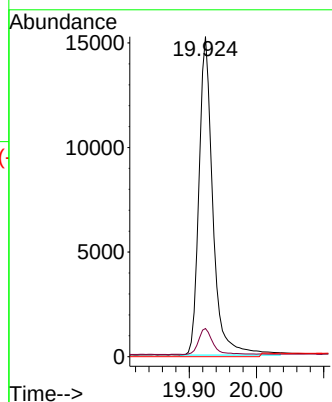
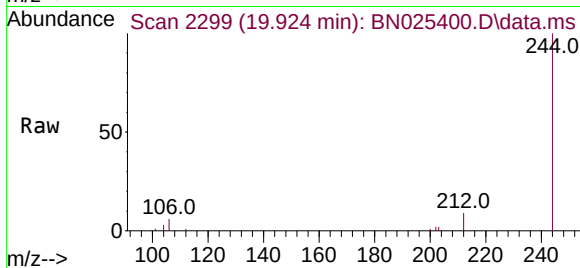
Tgt Ion:244 Resp: 23964

Ion Ratio Lower Upper

244 100

212 8.8 7.5 11.3

122 0.0 0.0 0.0



#32

Benzo(a)anthracene

Concen: 0.439 ng

RT: 21.477 min Scan# 2483

Delta R.T. -0.009 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

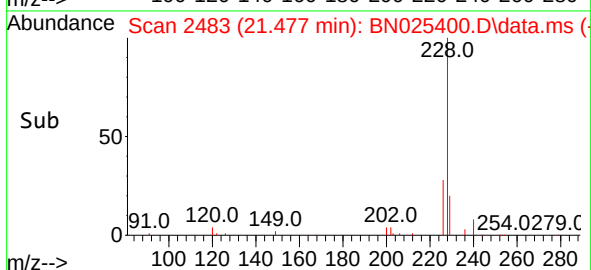
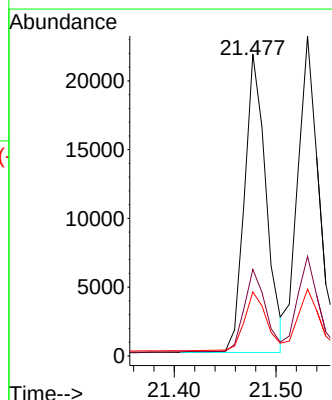
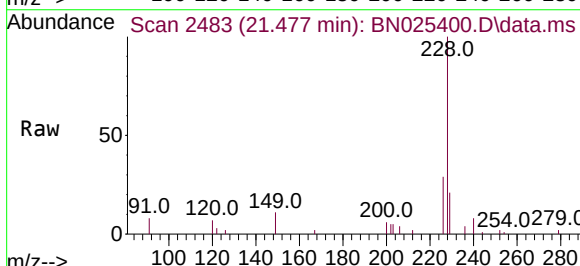
Tgt Ion:228 Resp: 31924

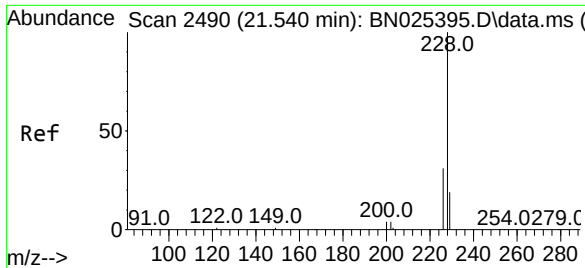
Ion Ratio Lower Upper

228 100

226 28.7 23.2 34.8

229 21.2 18.2 27.2





#33

Chrysene

Concen: 0.475 ng

RT: 21.531 min Scan# 2489

Delta R.T. -0.009 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

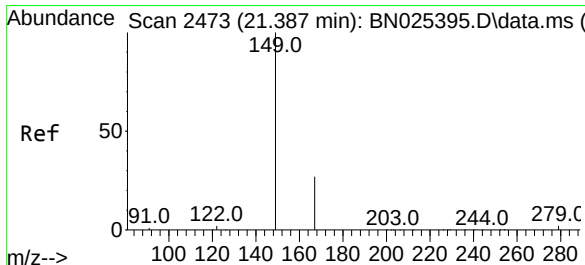
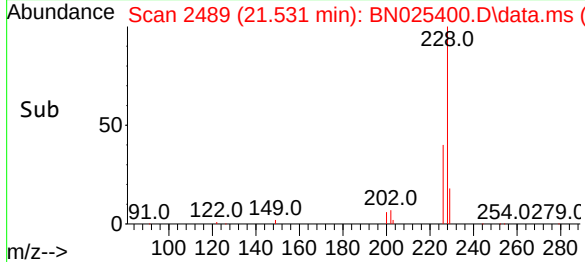
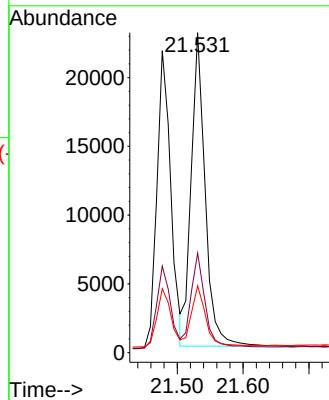
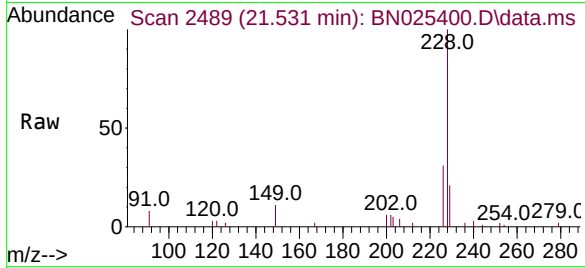
Tgt Ion:228 Resp: 33513

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

229 20.9 17.9 26.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.441 ng

RT: 21.388 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

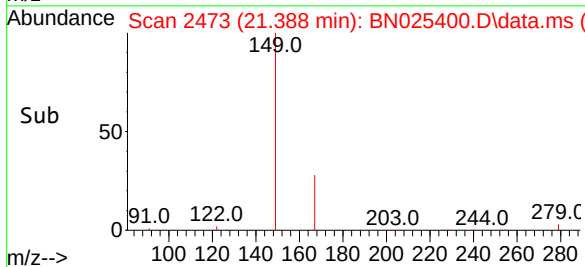
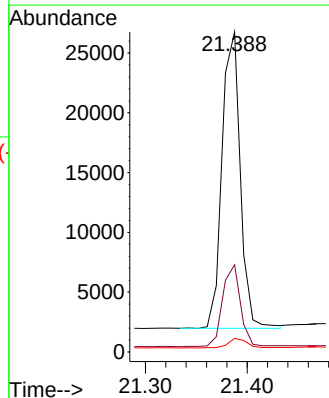
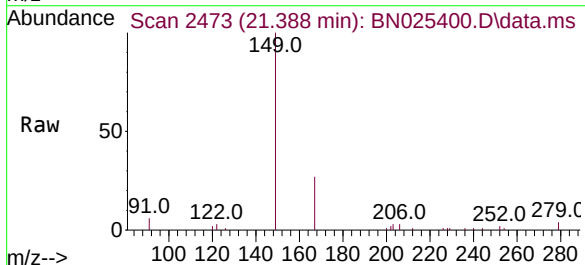
Tgt Ion:149 Resp: 30892

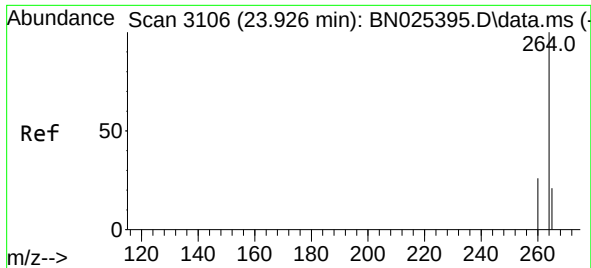
Ion Ratio Lower Upper

149 100

167 27.7 21.7 32.5

279 3.3 3.0 4.4



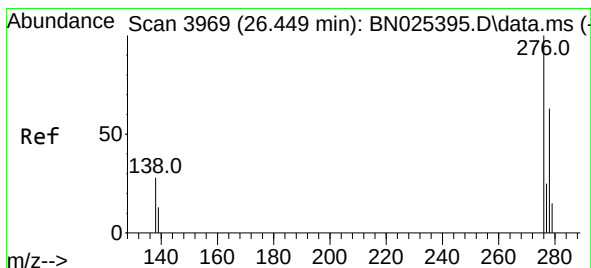
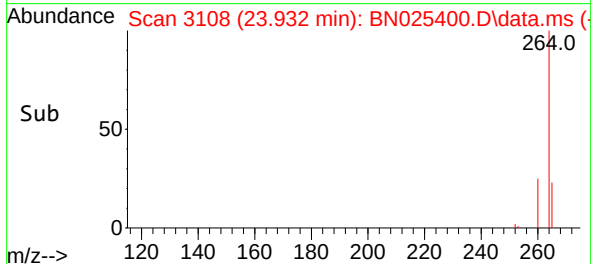
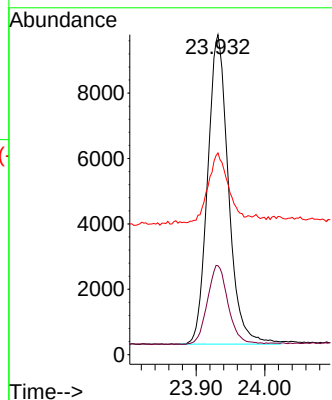
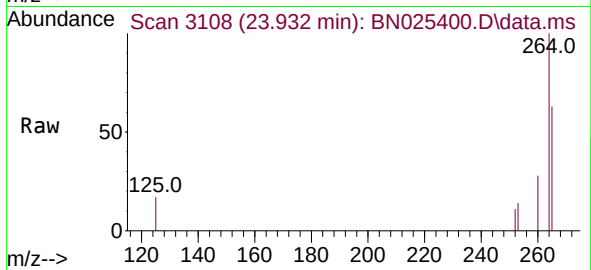


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.932 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

Tgt Ion:264 Resp: 19953  

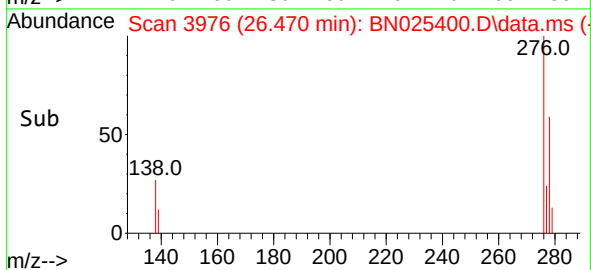
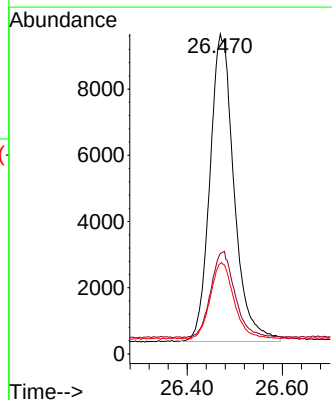
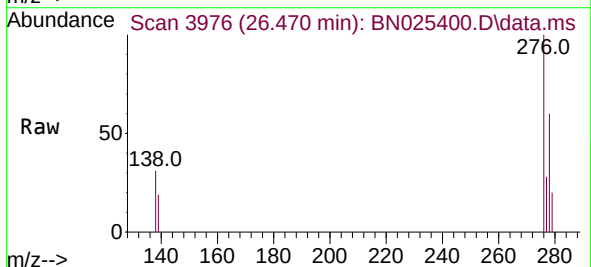
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.8  | 23.5  | 35.3  |
| 265 | 63.0  | 50.9  | 76.3  |

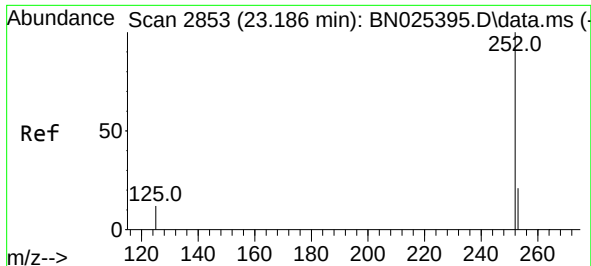


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.446 ng  
RT: 26.470 min Scan# 3976  
Delta R.T. 0.021 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:276 Resp: 32738  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.8  | 22.7  | 34.1  |
| 277 | 24.1  | 20.2  | 30.4  |

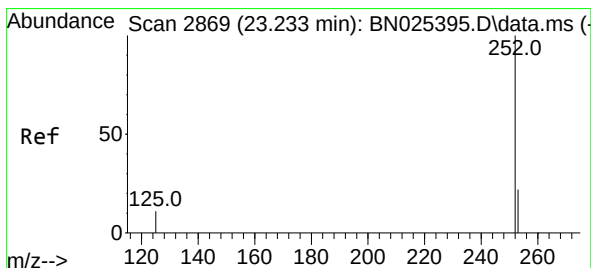
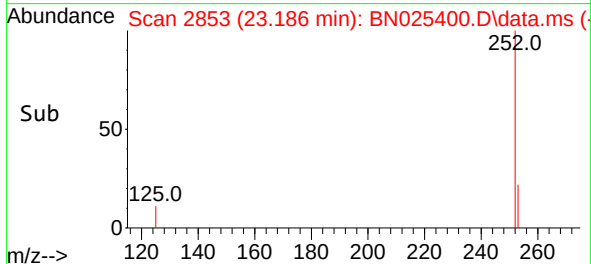
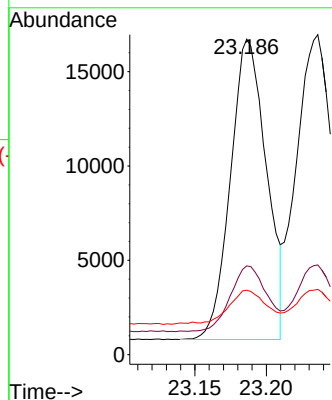
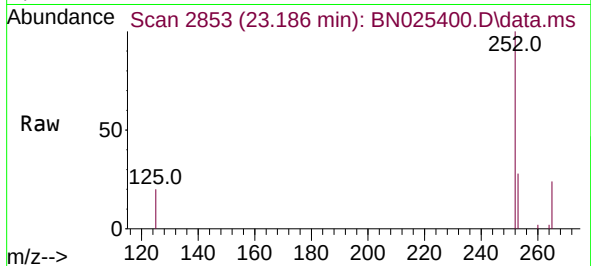




#37  
Benzo(b)fluoranthene  
Concen: 0.425 ng  
RT: 23.186 min Scan# 2853  
Delta R.T. 0.000 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

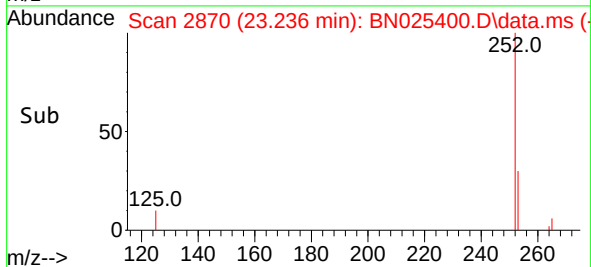
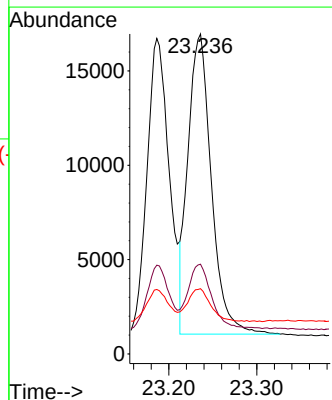
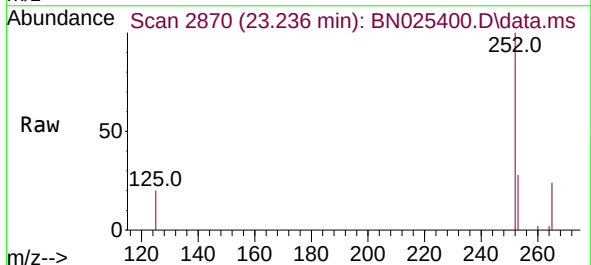
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN051123

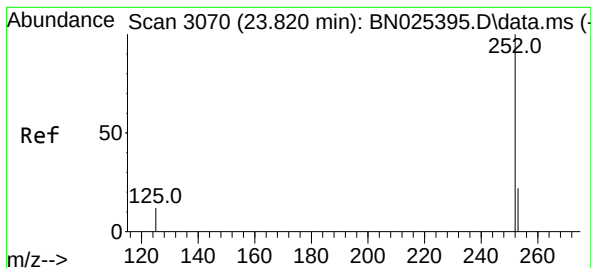
Tgt Ion:252 Resp: 27817  
Ion Ratio Lower Upper  
252 100  
253 28.1 23.4 35.0  
125 20.4 19.8 29.8



#38  
Benzo(k)fluoranthene  
Concen: 0.438 ng  
RT: 23.236 min Scan# 2870  
Delta R.T. 0.003 min  
Lab File: BN025400.D  
Acq: 11 May 2023 14:38

Tgt Ion:252 Resp: 29468  
Ion Ratio Lower Upper  
252 100  
253 28.0 23.6 35.4  
125 20.4 20.2 30.2





#39

Benzo(a)pyrene

Concen: 0.440 ng

RT: 23.827 min Scan# 3070

Delta R.T. 0.006 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

Instrument :

BNA\_N

ClientSampleId :

ICVBN051123

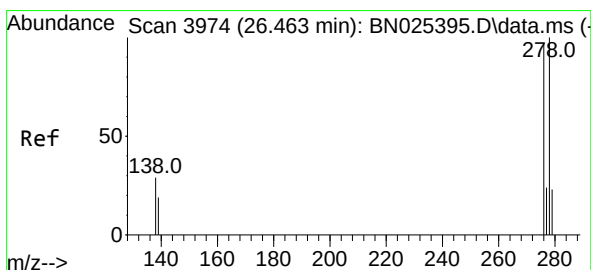
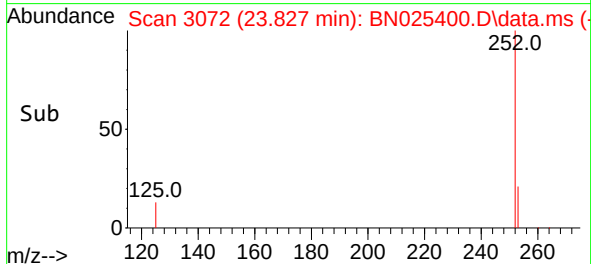
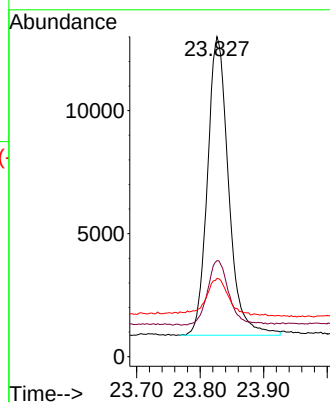
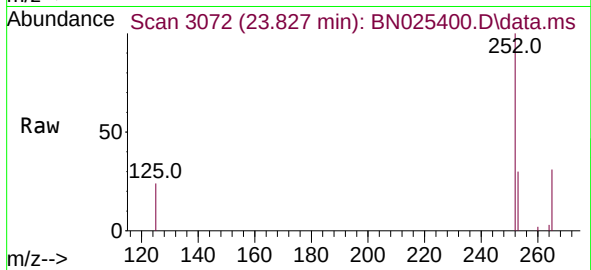
Tgt Ion:252 Resp: 28031

Ion Ratio Lower Upper

252 100

253 30.0 25.4 38.2

125 24.4 23.5 35.3



#40

Dibenzo(a,h)anthracene

Concen: 0.447 ng

RT: 26.487 min Scan# 3982

Delta R.T. 0.024 min

Lab File: BN025400.D

Acq: 11 May 2023 14:38

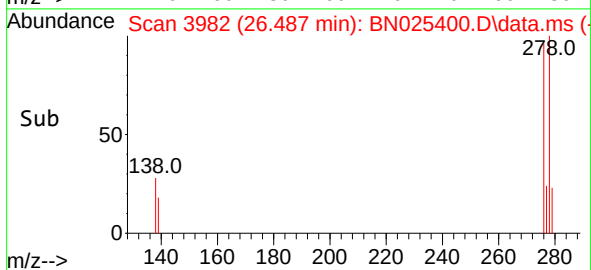
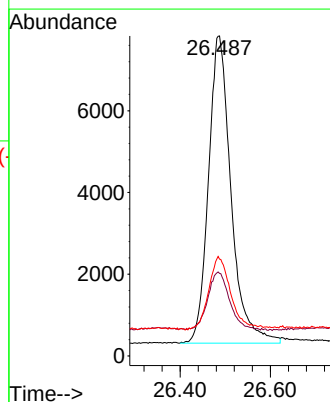
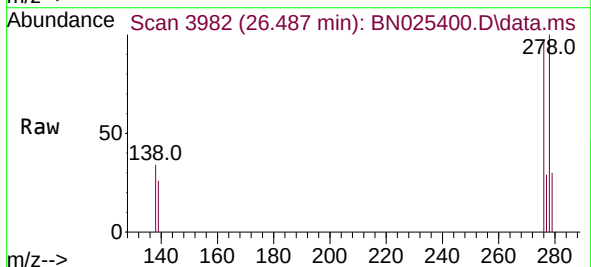
Tgt Ion:278 Resp: 26158

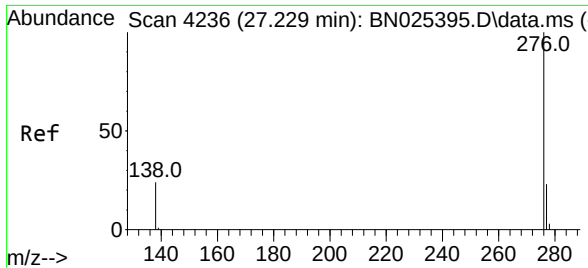
Ion Ratio Lower Upper

278 100

139 25.8 23.8 35.8

279 30.3 26.0 39.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.445 ng  
 RT: 27.253 min Scan# 41  
 Delta R.T. 0.024 min  
 Lab File: BN025400.D  
 Acq: 11 May 2023 14:38

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN051123

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 27477 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 28.1  | 23.5  | 35.3  |
| 138      | 29.3  | 24.7  | 37.1  |

