

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051923\  
 Data File : BN025528.D  
 Acq On : 20 May 2023 17:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: May 22 02:00:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 22 01:54:38 2023  
 Response via : Initial Calibration

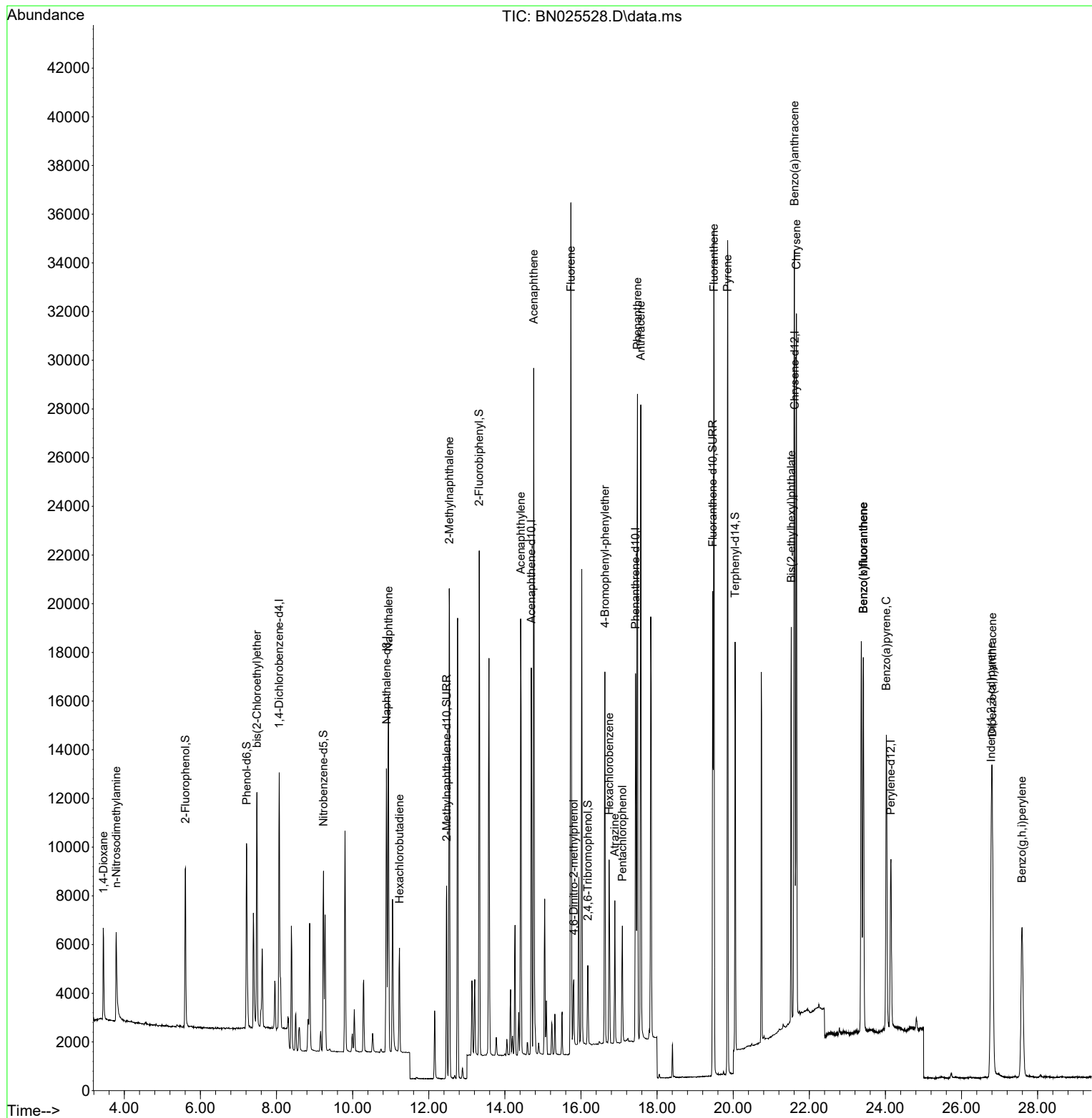
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.070  | 152  | 5120     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.889 | 136  | 15283    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.694 | 164  | 9088     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.435 | 188  | 19905    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.616 | 240  | 13512    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.144 | 264  | 11243    | 0.400 | ng    | # 0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.607  | 112  | 5745     | 0.497 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.218  | 99   | 7347     | 0.495 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.234  | 82   | 6028     | 0.494 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.468 | 152  | 10413    | 0.490 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.181 | 330  | 1669     | 0.471 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.326 | 172  | 17769    | 0.511 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.465 | 212  | 21362    | 0.465 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.049 | 244  | 12551    | 0.523 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.455  | 88   | 2691     | 0.515 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.787  | 42   | 2869     | 0.498 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.485  | 93   | 7385     | 0.512 | ng    | 98       |
| 9) Naphthalene                | 10.942 | 128  | 19418    | 0.499 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.230 | 225  | 3422     | 0.463 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.540 | 142  | 13886    | 0.494 | ng    | 99       |
| 16) Acenaphthylene            | 14.416 | 152  | 20455    | 0.493 | ng    | 100      |
| 17) Acenaphthene              | 14.758 | 154  | 14178    | 0.518 | ng    | 100      |
| 18) Fluorene                  | 15.735 | 166  | 17557    | 0.519 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.809 | 198  | 2134     | 0.516 | ng    | # 76     |
| 21) 4-Bromophenyl-phenylether | 16.628 | 248  | 5738     | 0.490 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.740 | 284  | 5185     | 0.474 | ng    | 96       |
| 23) Atrazine                  | 16.889 | 200  | 4390     | 0.460 | ng    | # 95     |
| 24) Pentachlorophenol         | 17.088 | 266  | 2332     | 0.422 | ng    | 100      |
| 25) Phenanthrene              | 17.485 | 178  | 29567    | 0.507 | ng    | 100      |
| 26) Anthracene                | 17.572 | 178  | 27125    | 0.497 | ng    | 100      |
| 28) Fluoranthene              | 19.494 | 202  | 31480    | 0.475 | ng    | 100      |
| 30) Pyrene                    | 19.852 | 202  | 31364    | 0.582 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.607 | 228  | 25338    | 0.518 | ng    | 99       |
| 33) Chrysene                  | 21.661 | 228  | 25761    | 0.531 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 15103    | 0.524 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.781 | 276  | 20238    | 0.445 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.419 | 252  | 22775    | 0.546 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.419 | 252  | 22658    | 0.531 | ng    | 97       |
| 39) Benzo(a)pyrene            | 24.024 | 252  | 19563    | 0.498 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 26.807 | 278  | 16393    | 0.450 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.591 | 276  | 16434    | 0.428 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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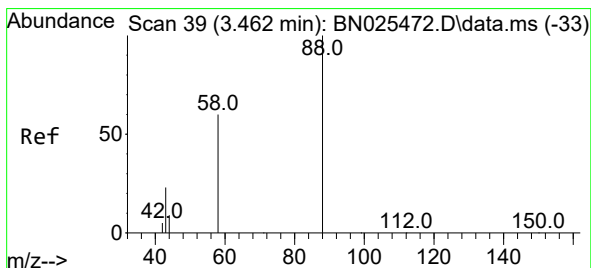
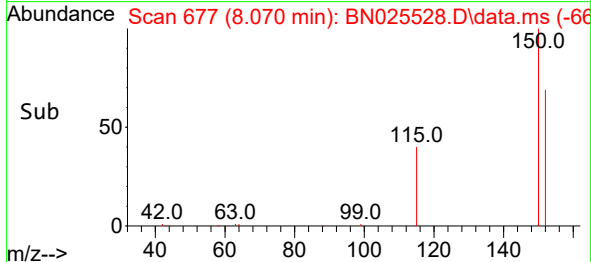
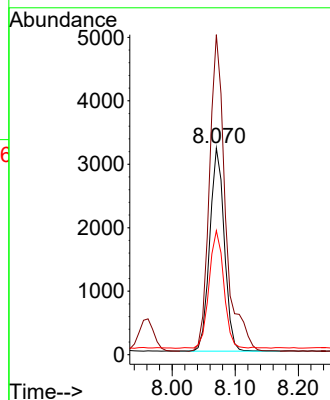
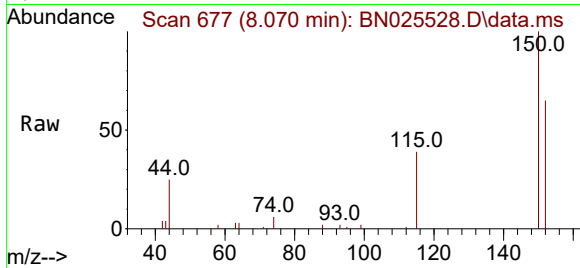




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.070 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN025528.D  
 Acq: 20 May 2023 17:41

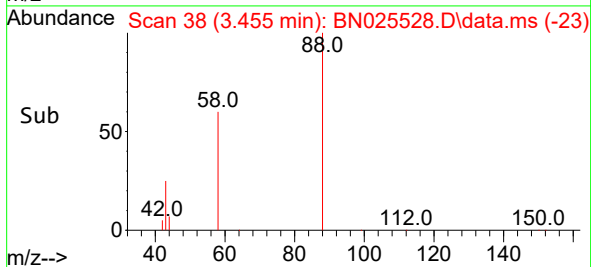
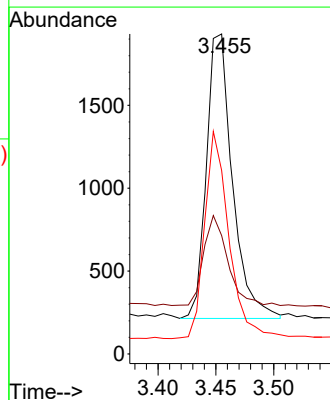
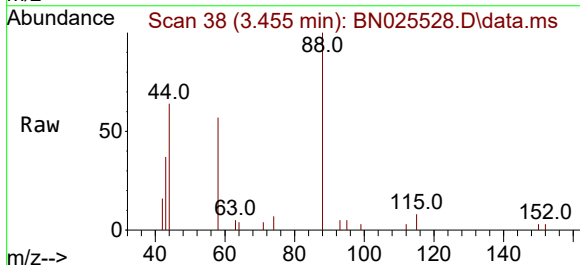
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

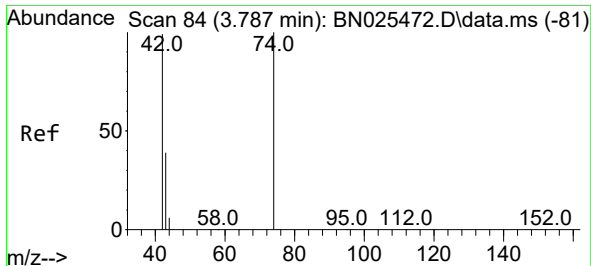
Tgt Ion:152 Resp: 5120  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 125.3 187.9  
 115 60.0 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.515 ng  
 RT: 3.455 min Scan# 38  
 Delta R.T. 0.007 min  
 Lab File: BN025528.D  
 Acq: 20 May 2023 17:41

Tgt Ion: 88 Resp: 2691  
 Ion Ratio Lower Upper  
 88 100  
 43 29.0 23.8 35.6  
 58 67.9 55.1 82.7

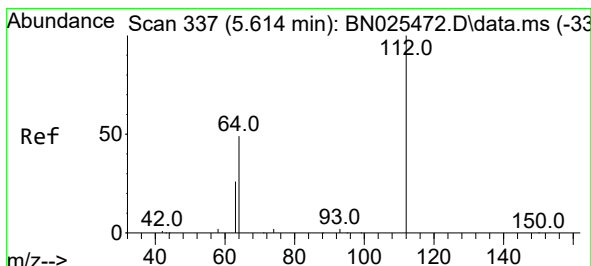
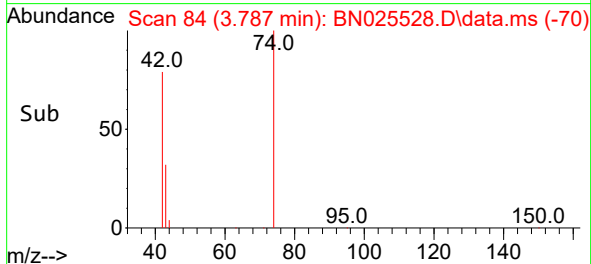
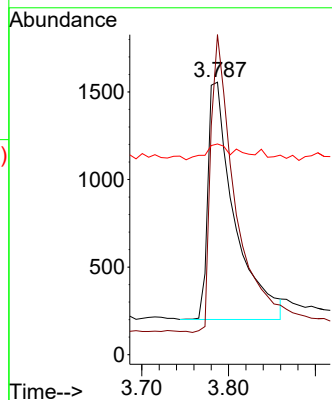
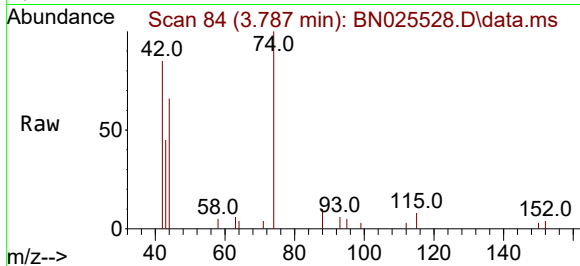




#3  
 n-Nitrosodimethylamine  
 Concen: 0.498 ng  
 RT: 3.787 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BN025528.D  
 Acq: 20 May 2023 17:41

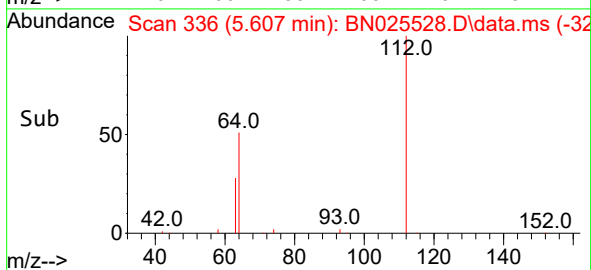
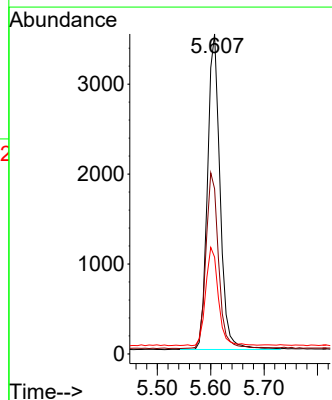
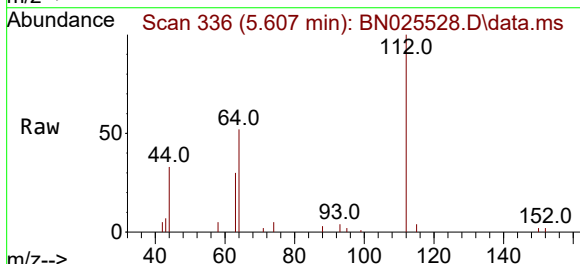
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

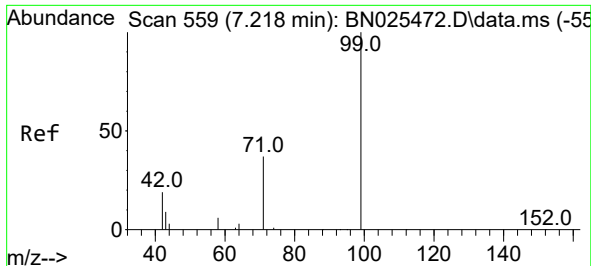
Tgt Ion: 42 Resp: 2869  
 Ion Ratio Lower Upper  
 42 100  
 74 118.8 100.2 150.4  
 44 7.6 8.6 12.8#



#4  
 2-Fluorophenol  
 Concen: 0.497 ng  
 RT: 5.607 min Scan# 336  
 Delta R.T. 0.000 min  
 Lab File: BN025528.D  
 Acq: 20 May 2023 17:41

Tgt Ion: 112 Resp: 5745  
 Ion Ratio Lower Upper  
 112 100  
 64 55.9 44.0 66.0  
 63 31.2 24.0 36.0

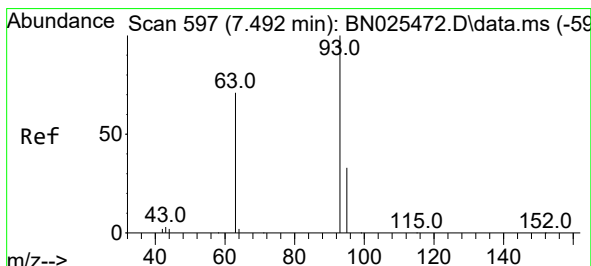
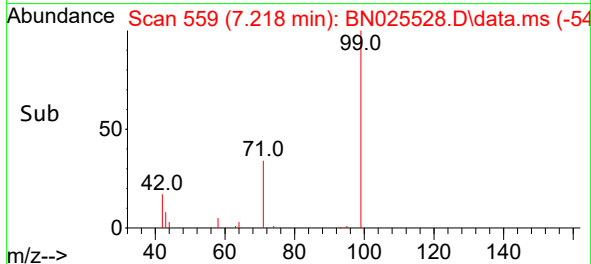
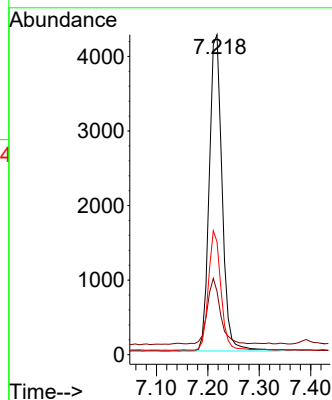
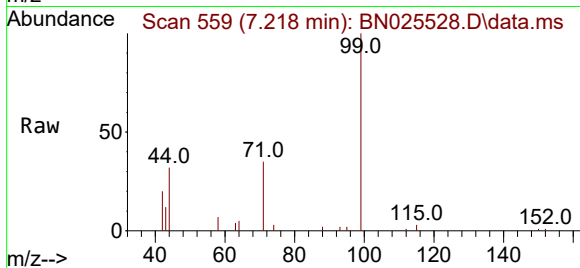




#5  
Phenol-d6  
Concen: 0.495 ng  
RT: 7.218 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

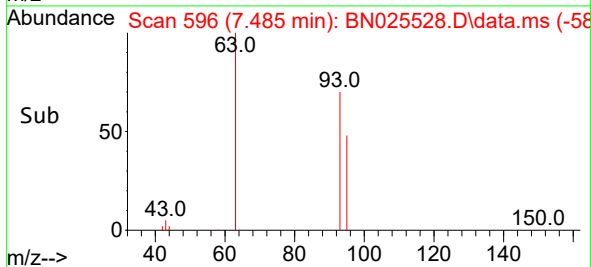
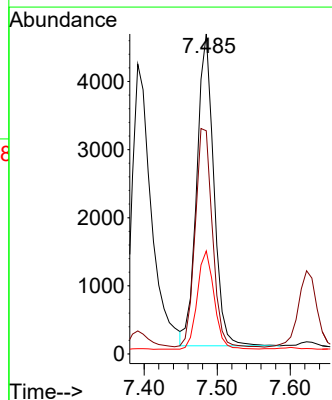
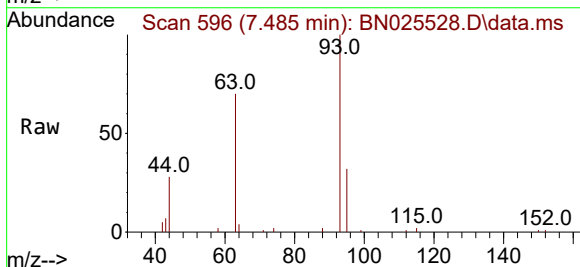
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

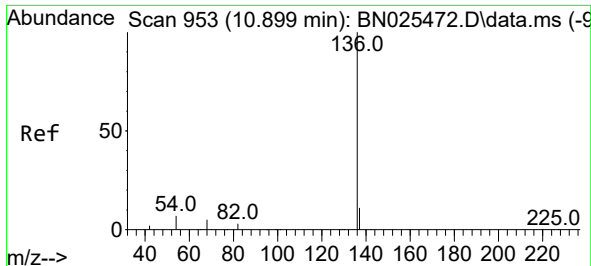
Tgt Ion: 99 Resp: 7347  
Ion Ratio Lower Upper  
99 100  
42 21.0 15.8 23.8  
71 36.5 28.6 43.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.512 ng  
RT: 7.485 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion: 93 Resp: 7385  
Ion Ratio Lower Upper  
93 100  
63 71.1 55.8 83.6  
95 31.2 25.7 38.5

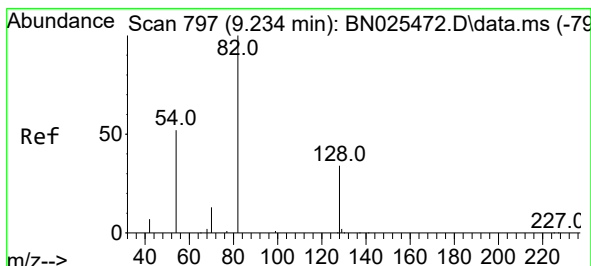
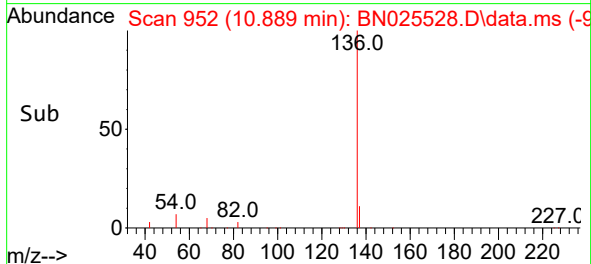
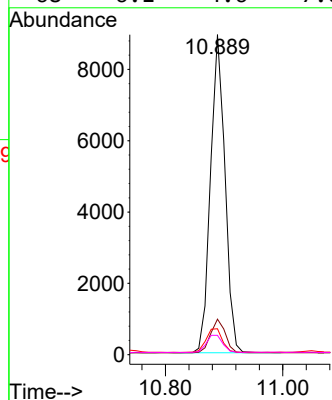
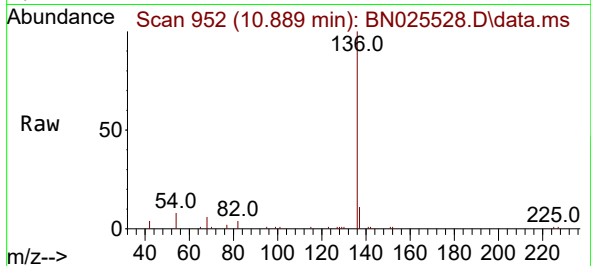




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.889 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

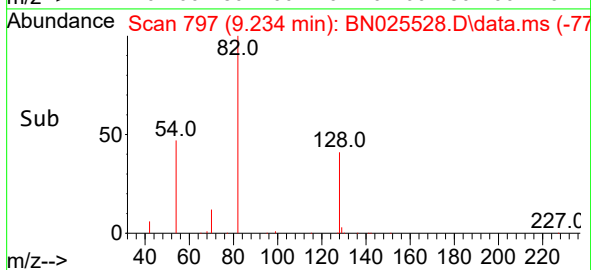
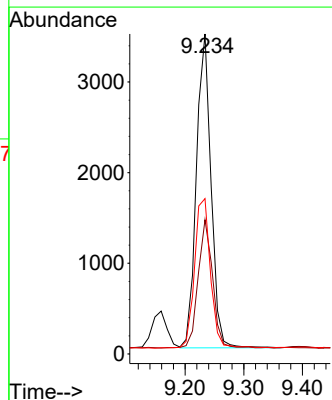
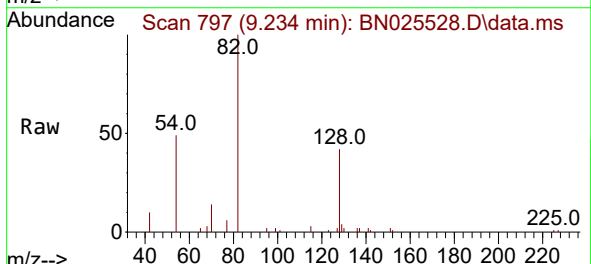
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

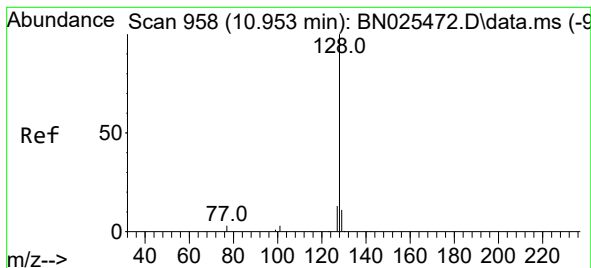
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15283 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.1   | 13.7  |
| 54        | 8.1   | 5.8   | 8.6   |
| 68        | 6.1   | 4.6   | 7.0   |



#8  
Nitrobenzene-d5  
Concen: 0.494 ng  
RT: 9.234 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 6028  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.9  | 27.9  | 41.9# |
| 54        | 48.5  | 42.4  | 63.6  |





#9

Naphthalene

Concen: 0.499 ng

RT: 10.942 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

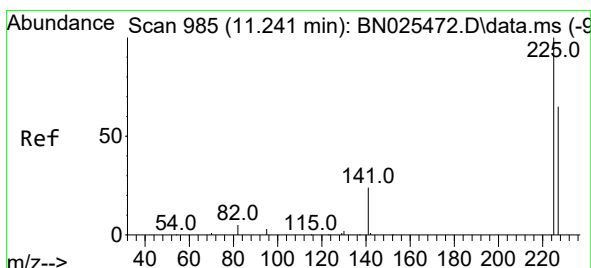
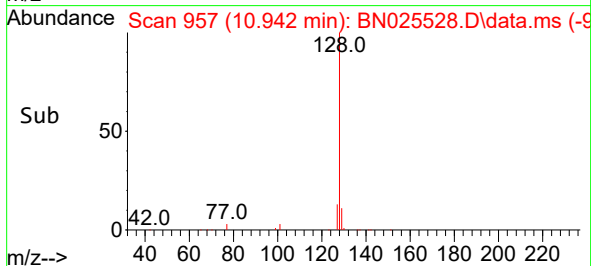
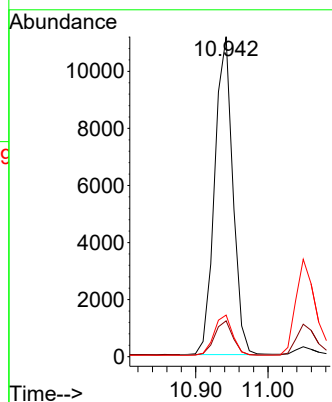
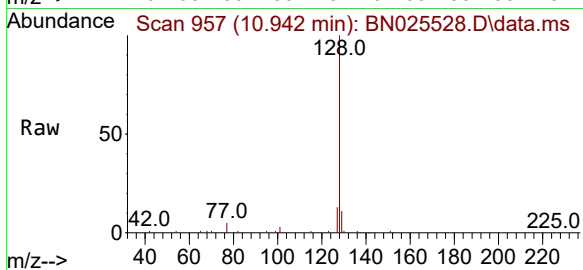
Tgt Ion:128 Resp: 19418

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.0 10.4 15.6



#10

Hexachlorobutadiene

Concen: 0.463 ng

RT: 11.230 min Scan# 984

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

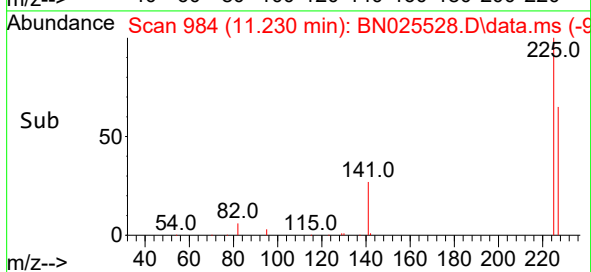
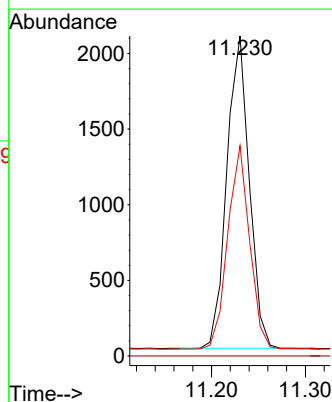
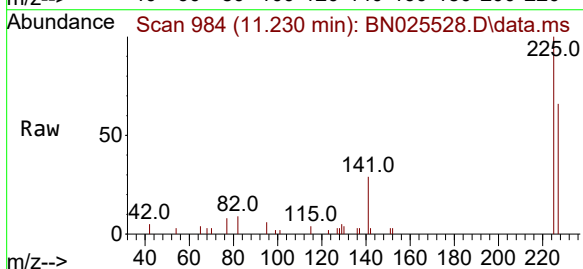
Tgt Ion:225 Resp: 3422

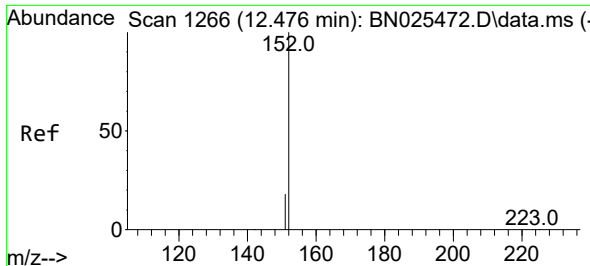
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.4 77.2

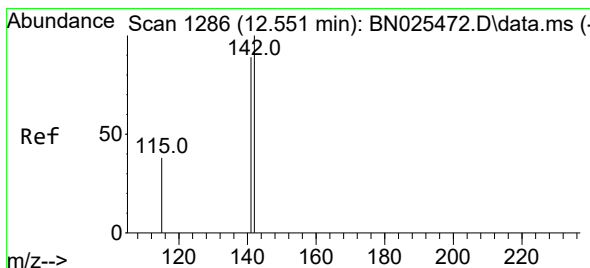
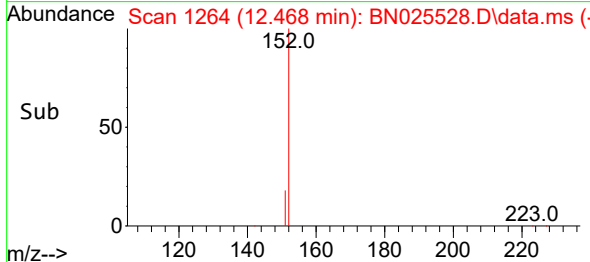
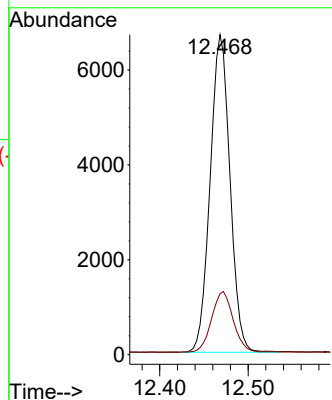
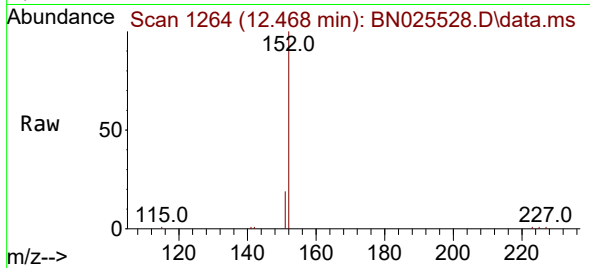




#11  
2-Methylnaphthalene-d10  
Concen: 0.490 ng  
RT: 12.468 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

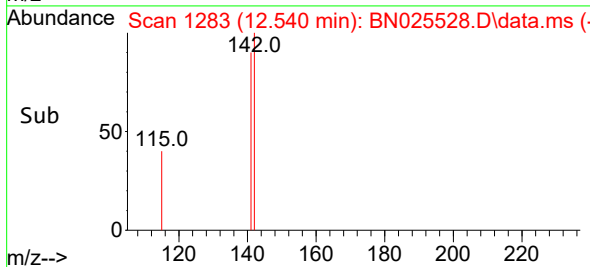
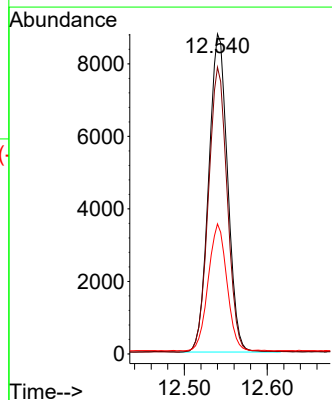
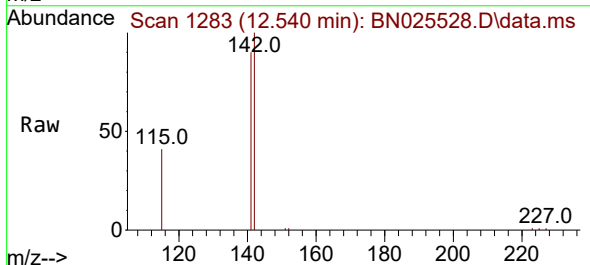
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

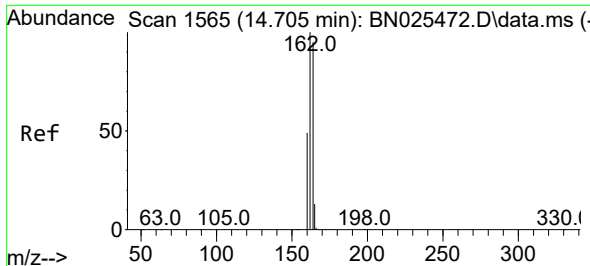
Tgt Ion:152 Resp: 10413  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 24.8



#12  
2-Methylnaphthalene  
Concen: 0.494 ng  
RT: 12.540 min Scan# 1283  
Delta R.T. -0.004 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:142 Resp: 13886  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.1 106.7  
115 40.7 31.3 46.9

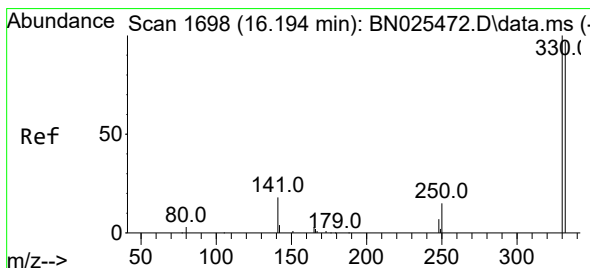
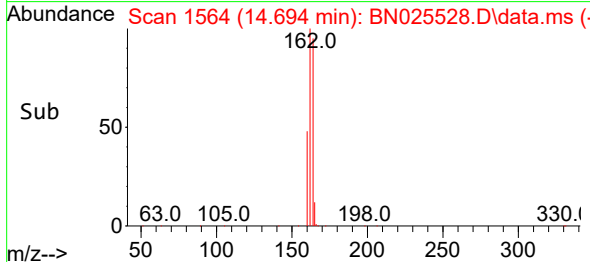
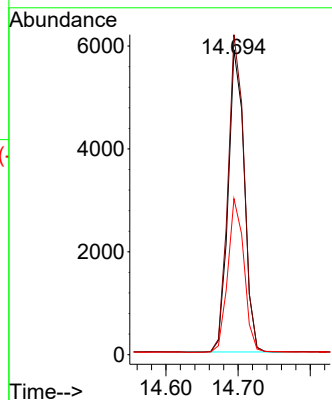
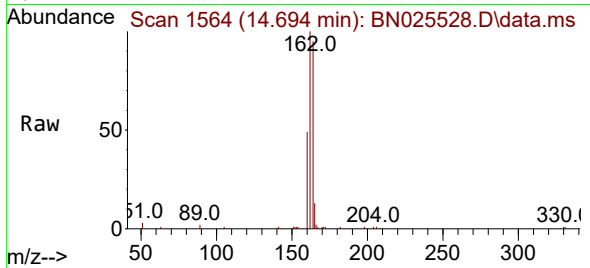




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.694 min Scan# 1564  
Delta R.T. -0.011 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

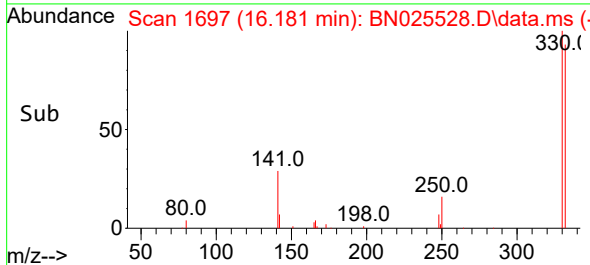
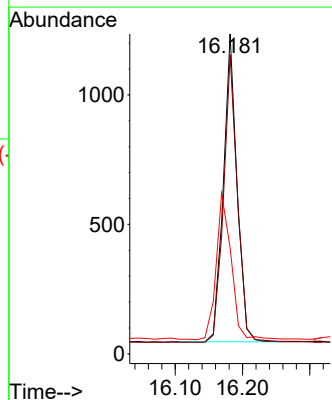
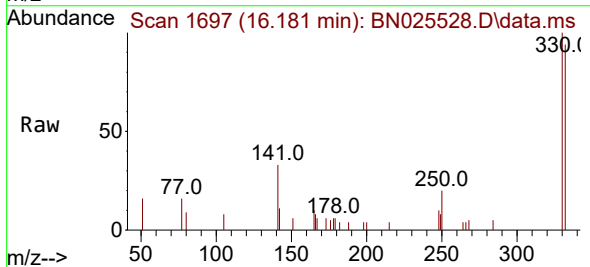
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

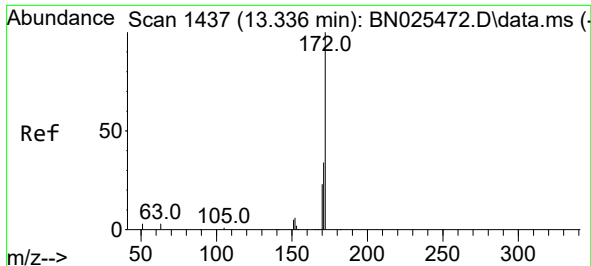
Tgt Ion:164 Resp: 9088  
Ion Ratio Lower Upper  
164 100  
162 104.9 84.2 126.2  
160 51.2 41.4 62.2



#14  
2,4,6-Tribromophenol  
Concen: 0.471 ng  
RT: 16.181 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:330 Resp: 1669  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.1 114.1  
141 52.0 36.1 54.1

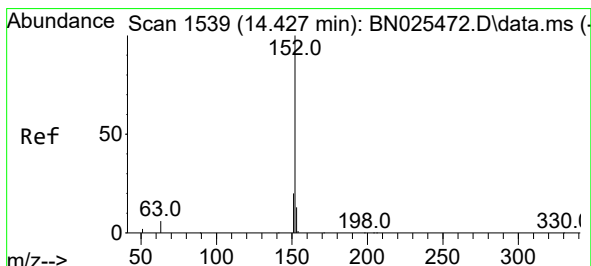
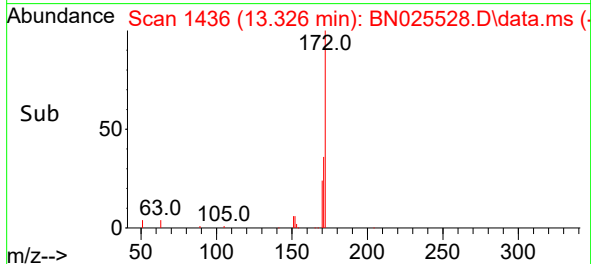
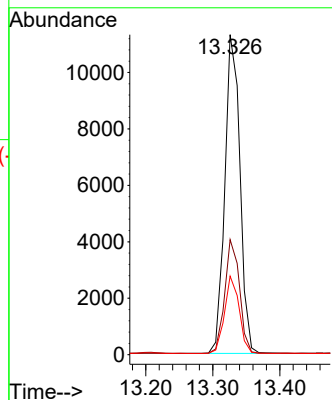
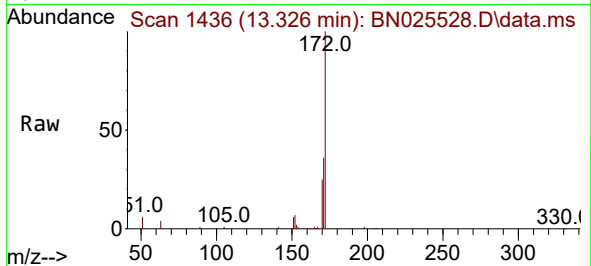




#15  
2-Fluorobiphenyl  
Concen: 0.511 ng  
RT: 13.326 min Scan# 1437  
Delta R.T. -0.011 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

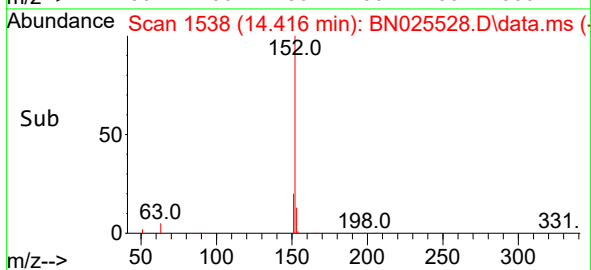
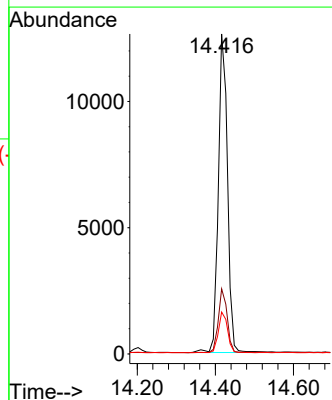
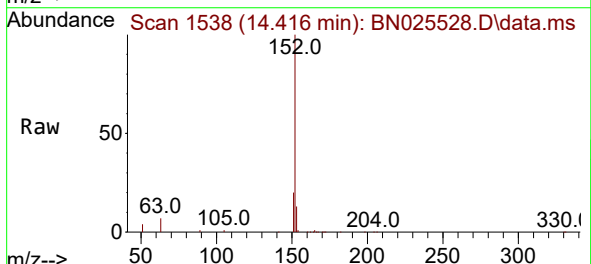
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

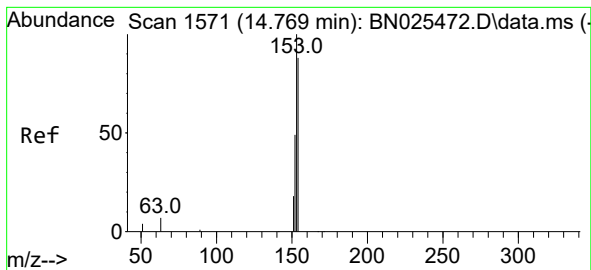
Tgt Ion:172 Resp: 17769  
Ion Ratio Lower Upper  
172 100  
171 36.0 27.6 41.4  
170 24.5 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.493 ng  
RT: 14.416 min Scan# 1538  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:152 Resp: 20455  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.2  
153 12.8 10.3 15.5





#17

Acenaphthene

Concen: 0.518 ng

RT: 14.758 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

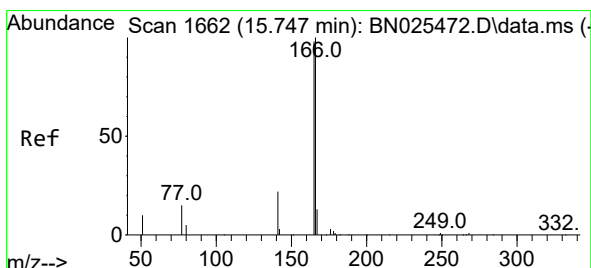
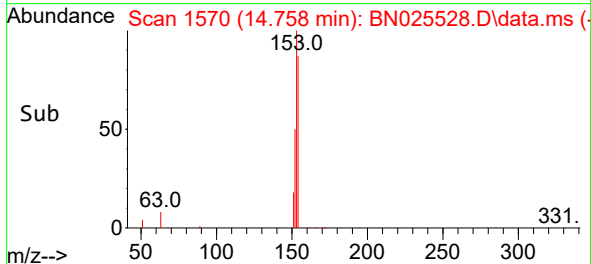
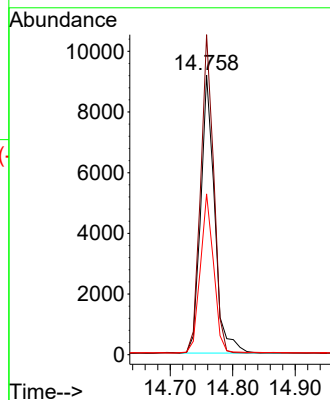
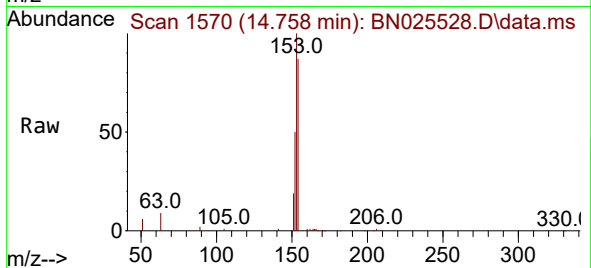
Tgt Ion:154 Resp: 14178

Ion Ratio Lower Upper

154 100

153 108.1 86.9 130.3

152 55.1 43.9 65.9



#18

Fluorene

Concen: 0.519 ng

RT: 15.735 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

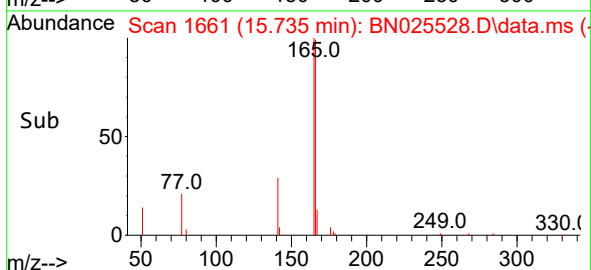
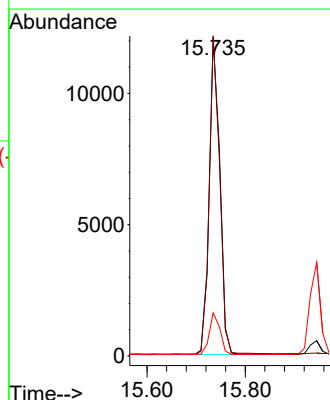
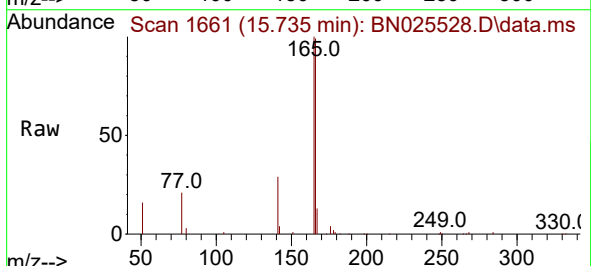
Tgt Ion:166 Resp: 17557

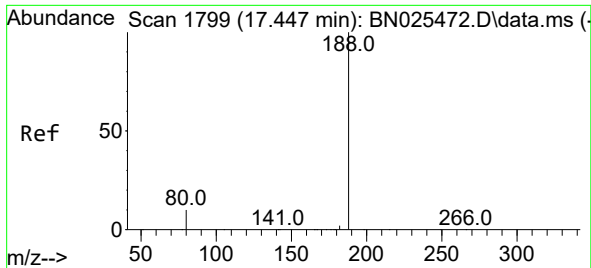
Ion Ratio Lower Upper

166 100

165 99.4 79.9 119.9

167 13.3 11.2 16.8

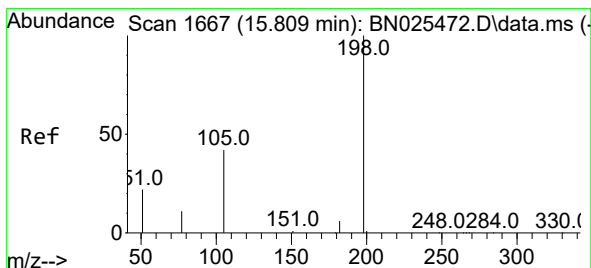
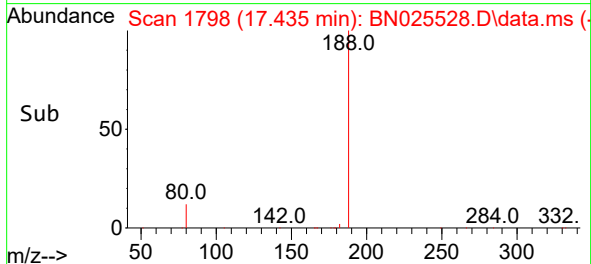
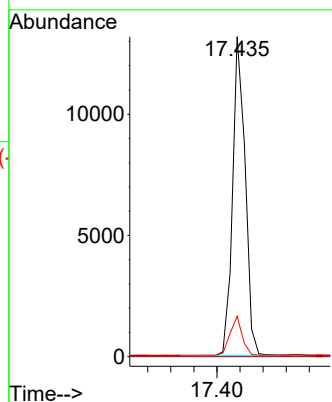
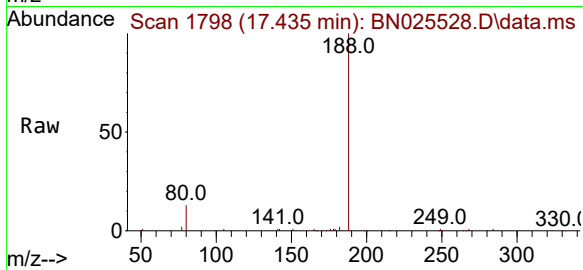




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.435 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

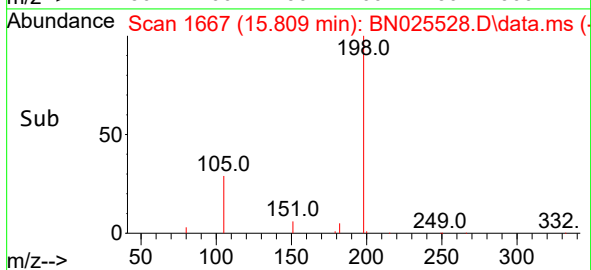
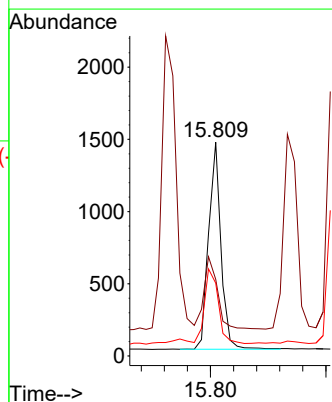
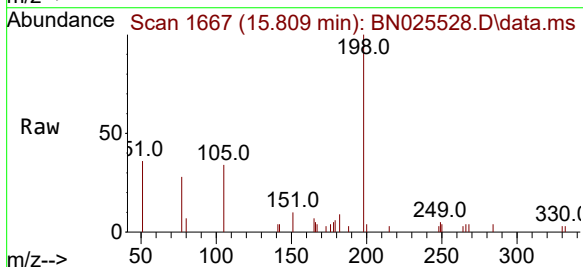
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

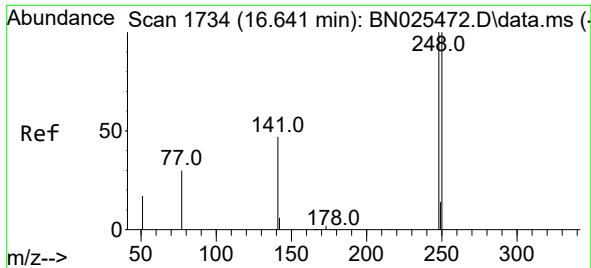
Tgt Ion:188 Resp: 19905  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.6 8.2 12.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.516 ng  
RT: 15.809 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:198 Resp: 2134  
Ion Ratio Lower Upper  
198 100  
51 35.9 42.2 63.2#  
105 34.1 41.0 61.6#

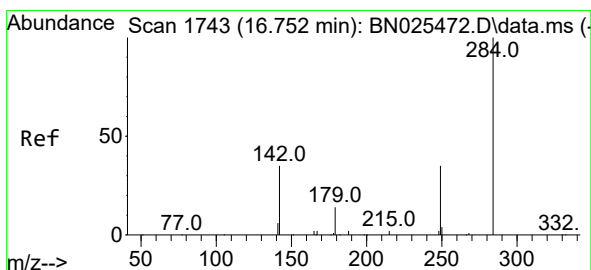
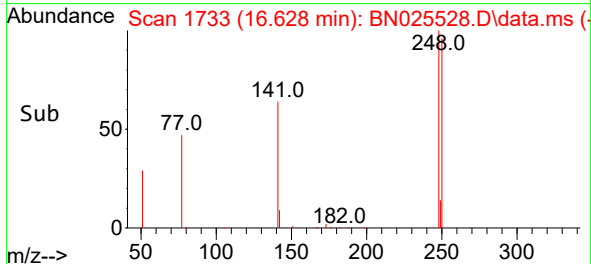
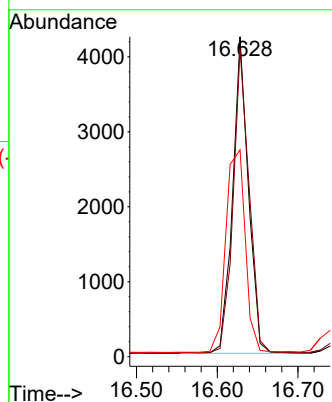
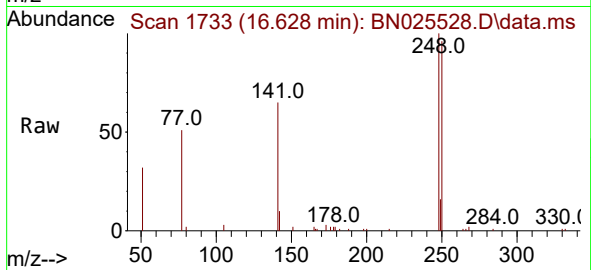




#21  
4-Bromophenyl-phenylether  
Concen: 0.490 ng  
RT: 16.628 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

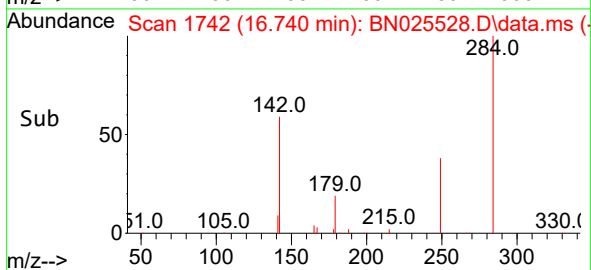
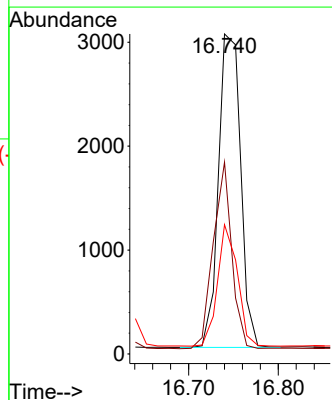
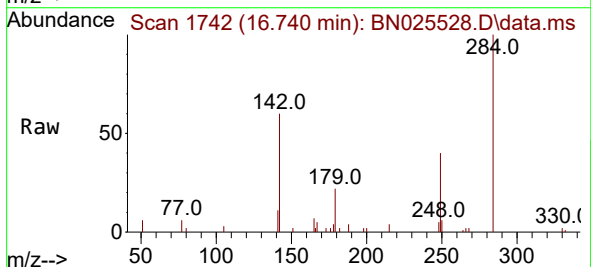
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

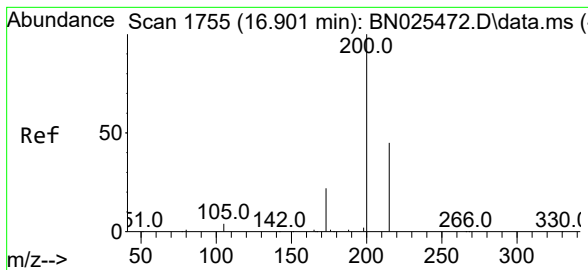
Tgt Ion:248 Resp: 5738  
Ion Ratio Lower Upper  
248 100  
250 96.1 79.8 119.8  
141 64.7 38.7 58.1#



#22  
Hexachlorobenzene  
Concen: 0.474 ng  
RT: 16.740 min Scan# 1742  
Delta R.T. -0.012 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:284 Resp: 5185  
Ion Ratio Lower Upper  
284 100  
142 49.7 36.0 54.0  
249 34.6 27.8 41.6





#23

Atrazine

Concen: 0.460 ng

RT: 16.889 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

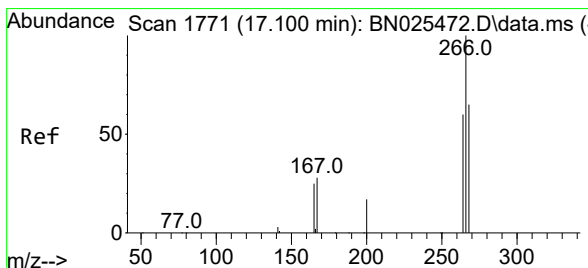
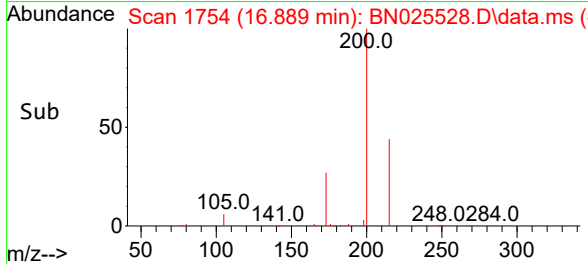
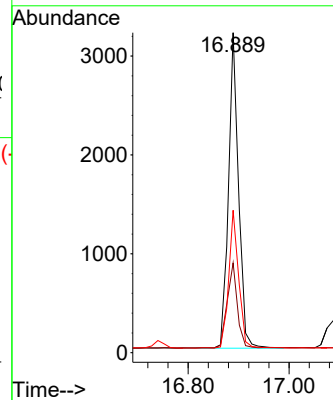
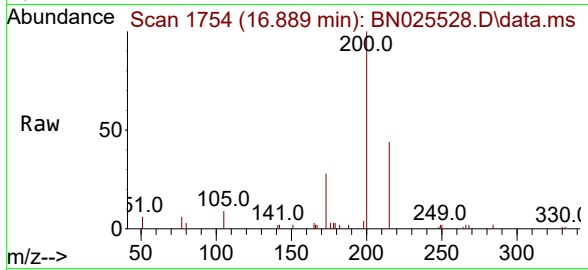
Tgt Ion:200 Resp: 4390

Ion Ratio Lower Upper

200 100

173 28.1 18.6 27.8#

215 44.5 36.9 55.3



#24

Pentachlorophenol

Concen: 0.422 ng

RT: 17.088 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

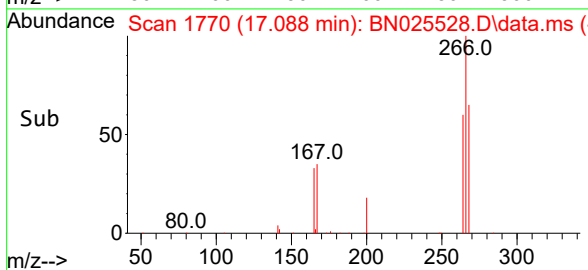
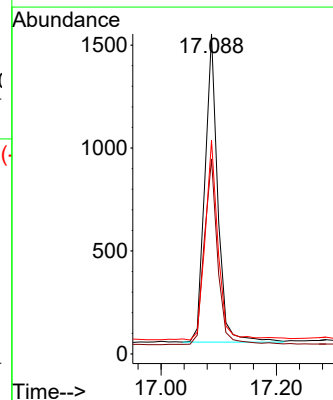
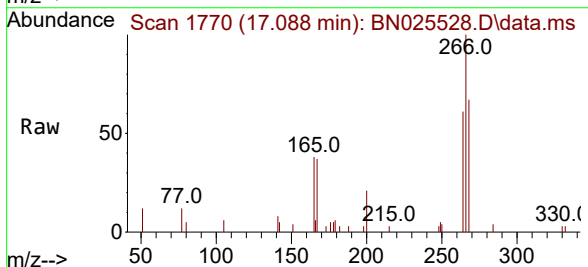
Tgt Ion:266 Resp: 2332

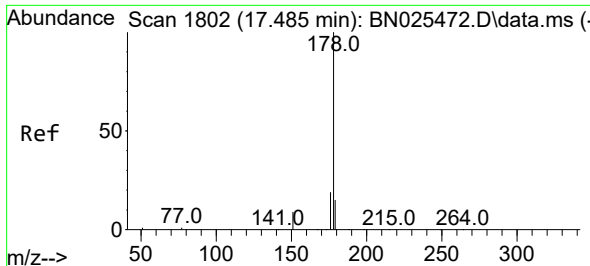
Ion Ratio Lower Upper

266 100

264 62.4 49.8 74.8

268 63.6 51.0 76.6

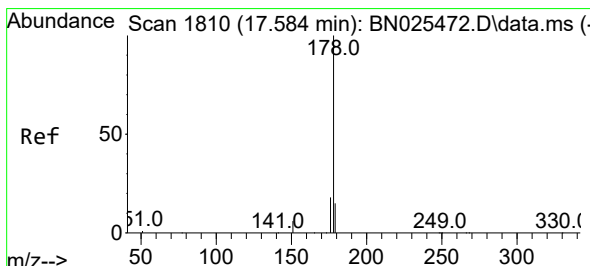
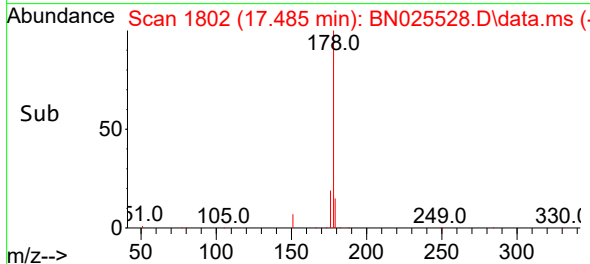
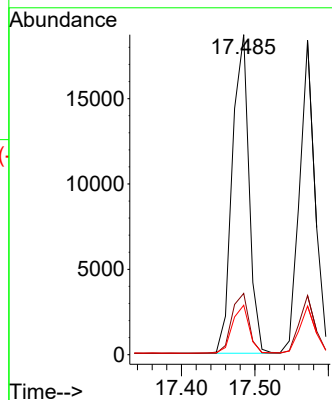
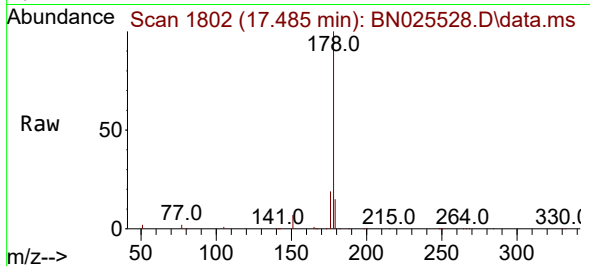




#25  
Phenanthrene  
Concen: 0.507 ng  
RT: 17.485 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

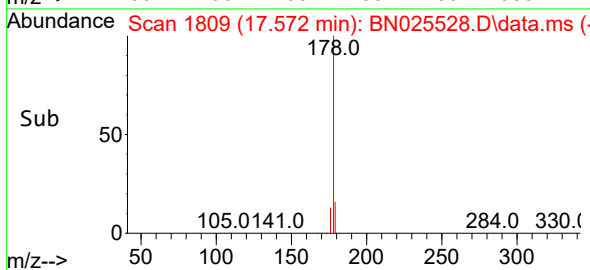
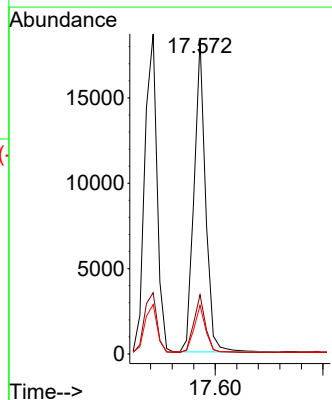
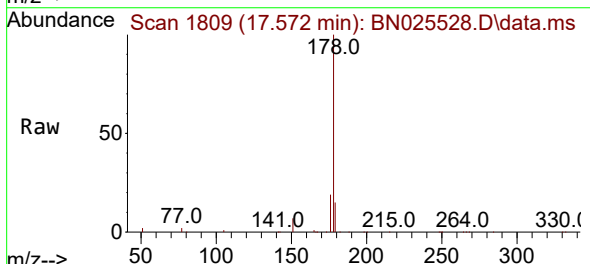
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

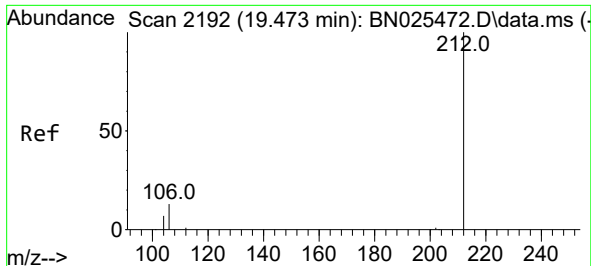
Tgt Ion:178 Resp: 29567  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 15.1 12.1 18.1



#26  
Anthracene  
Concen: 0.497 ng  
RT: 17.572 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:178 Resp: 27125  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 14.9 12.1 18.1

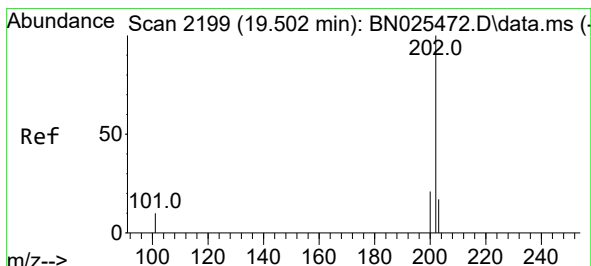
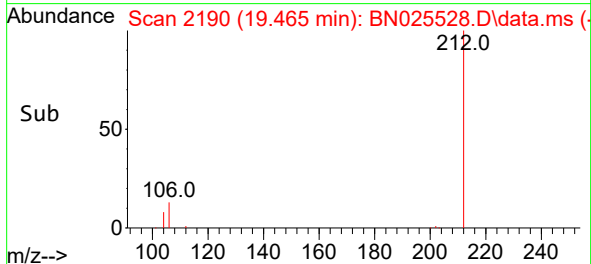
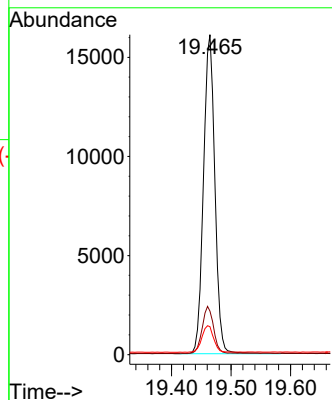
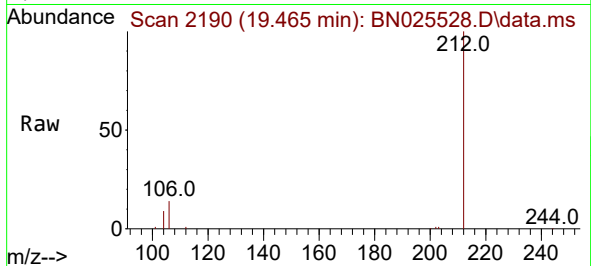




#27  
Fluoranthene-d10  
Concen: 0.465 ng  
RT: 19.465 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

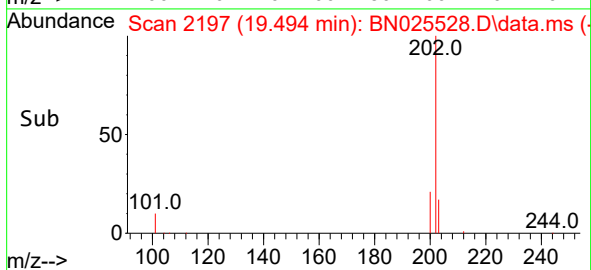
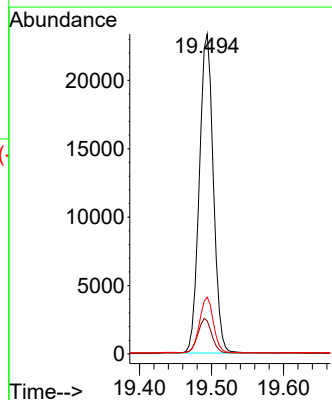
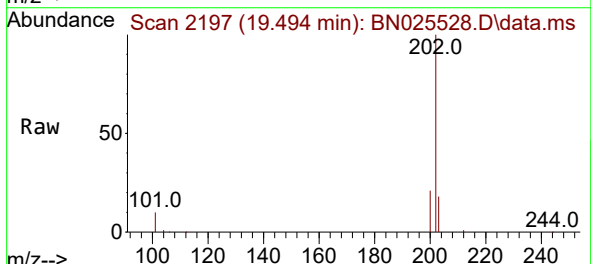
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

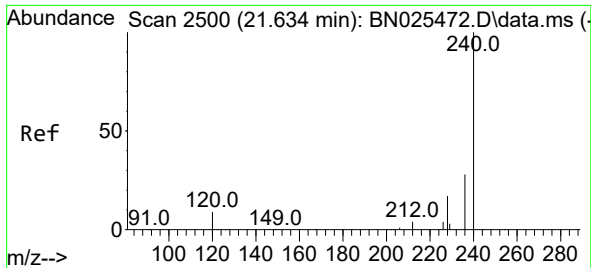
Tgt Ion:212 Resp: 21362  
Ion Ratio Lower Upper  
212 100  
106 14.6 11.4 17.2  
104 8.6 6.6 10.0



#28  
Fluoranthene  
Concen: 0.475 ng  
RT: 19.494 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:202 Resp: 31480  
Ion Ratio Lower Upper  
202 100  
101 11.0 8.7 13.1  
203 17.2 13.8 20.6

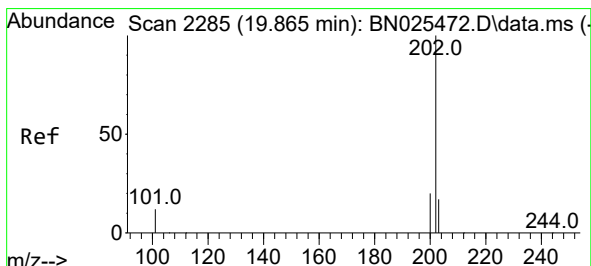
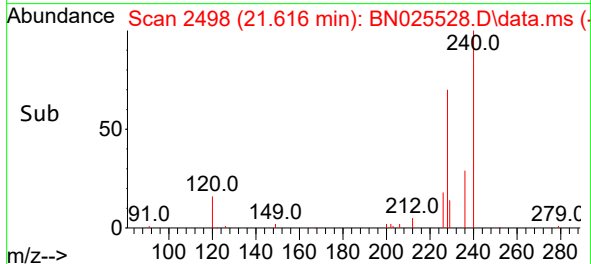
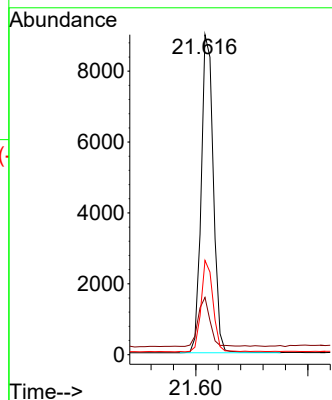
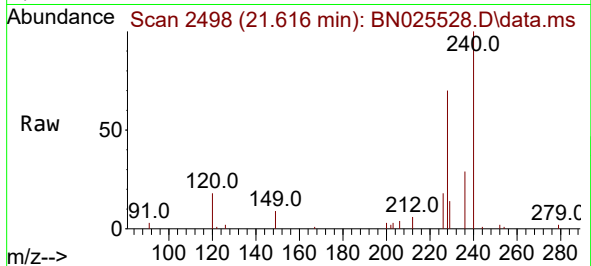




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.616 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

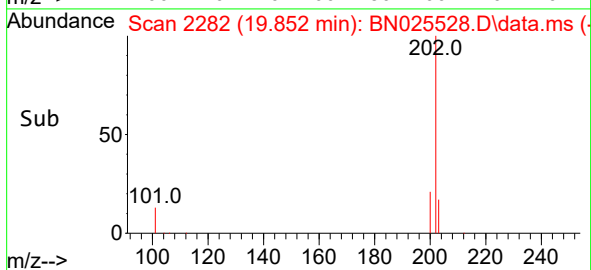
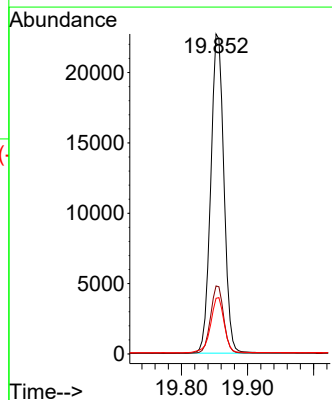
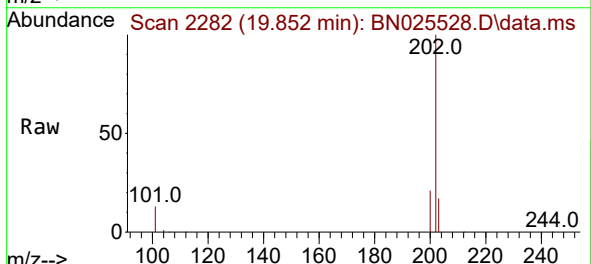
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

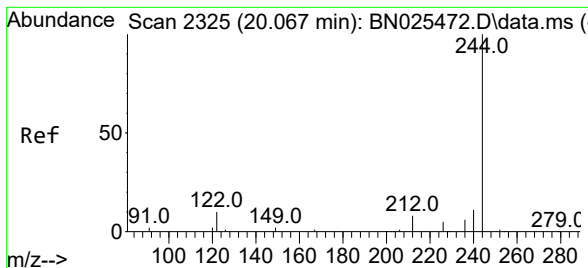
Tgt Ion:240 Resp: 13512  
Ion Ratio Lower Upper  
240 100  
120 17.9 8.6 12.8#  
236 29.5 22.7 34.1



#30  
Pyrene  
Concen: 0.582 ng  
RT: 19.852 min Scan# 2282  
Delta R.T. -0.004 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:202 Resp: 31364  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.8 14.2 21.4





#31

Terphenyl-d14

Concen: 0.523 ng

RT: 20.049 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025528.D

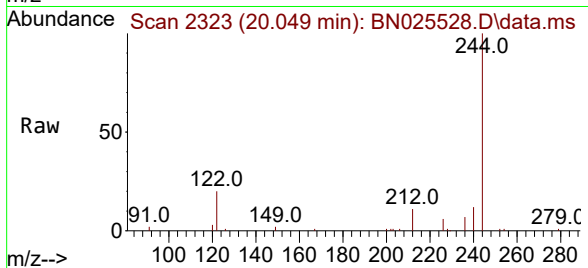
Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



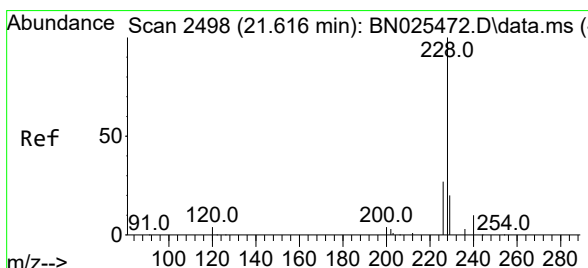
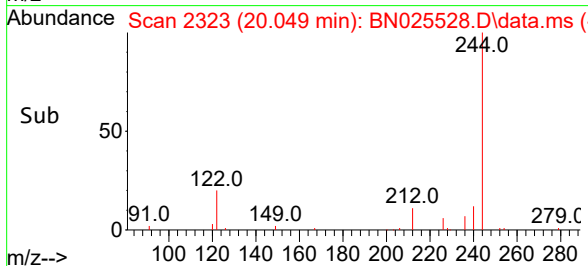
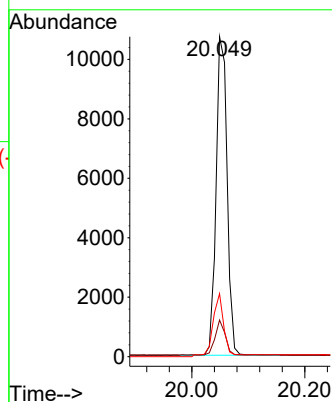
Tgt Ion:244 Resp: 12551

Ion Ratio Lower Upper

244 100

212 11.5 6.6 10.0#

122 19.7 8.1 12.1#



#32

Benzo(a)anthracene

Concen: 0.518 ng

RT: 21.607 min Scan# 2497

Delta R.T. 0.009 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

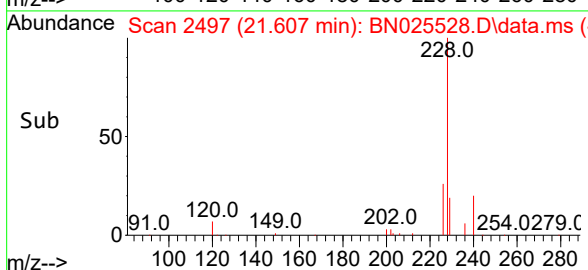
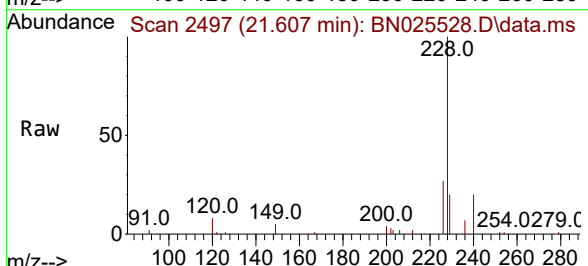
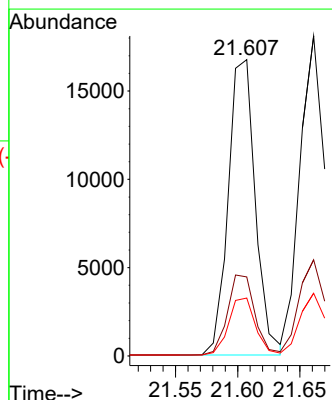
Tgt Ion:228 Resp: 25338

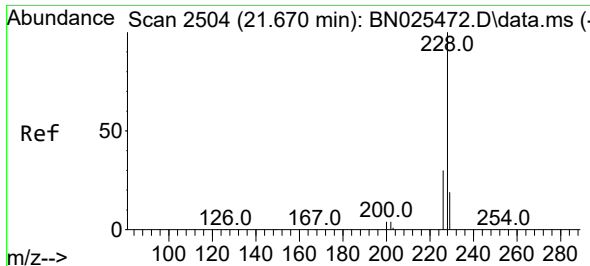
Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

229 19.6 15.8 23.8

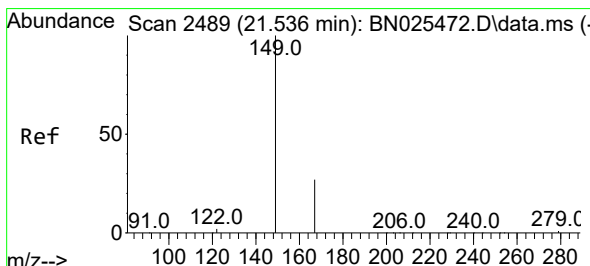
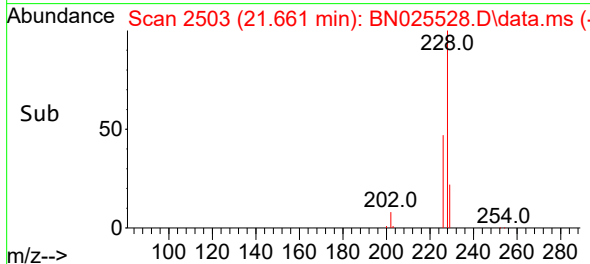
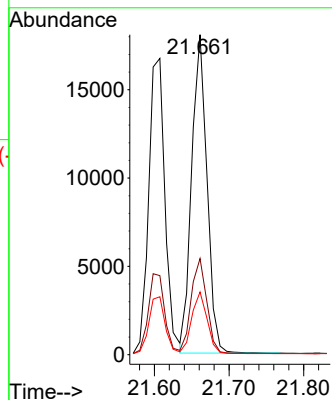
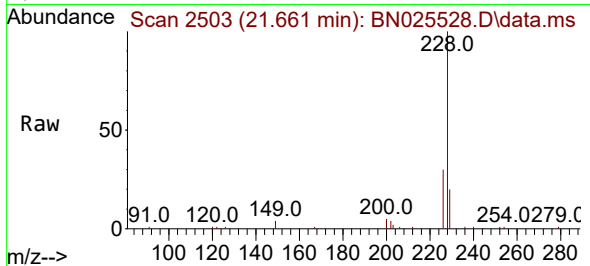




#33  
Chrysene  
Concen: 0.531 ng  
RT: 21.661 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

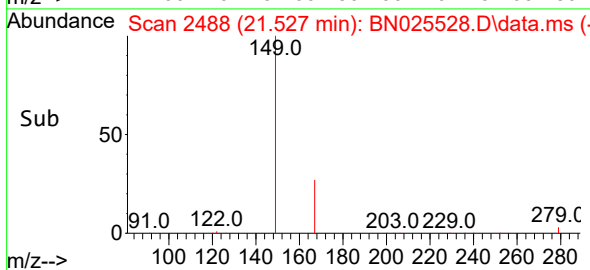
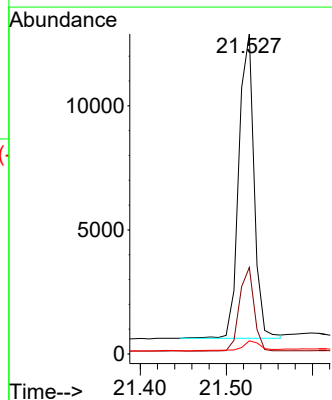
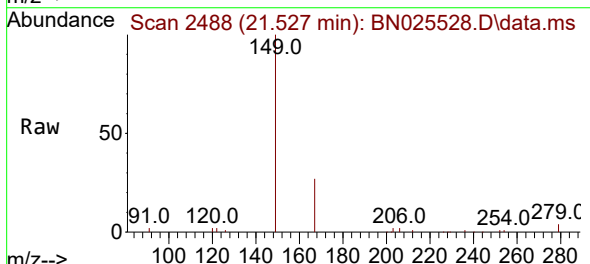
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

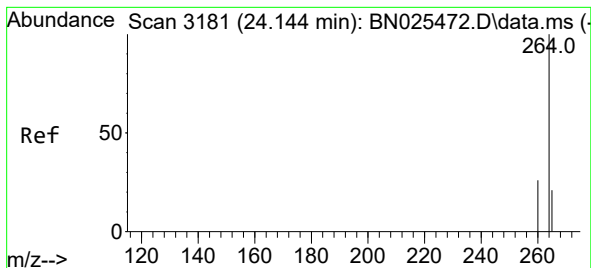
Tgt Ion:228 Resp: 25761  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.3 36.5  
229 19.6 15.4 23.2



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.524 ng  
RT: 21.527 min Scan# 2488  
Delta R.T. 0.009 min  
Lab File: BN025528.D  
Acq: 20 May 2023 17:41

Tgt Ion:149 Resp: 15103  
Ion Ratio Lower Upper  
149 100  
167 26.4 22.0 33.0  
279 4.1 2.6 3.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.144 min Scan# 31

Delta R.T. 0.023 min

Lab File: BN025528.D

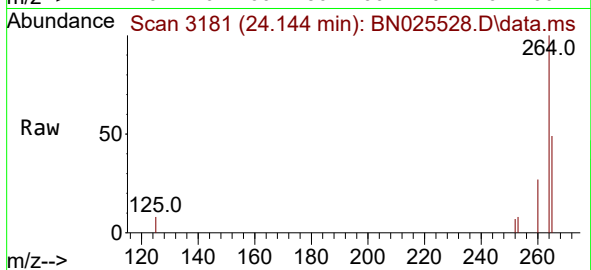
Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



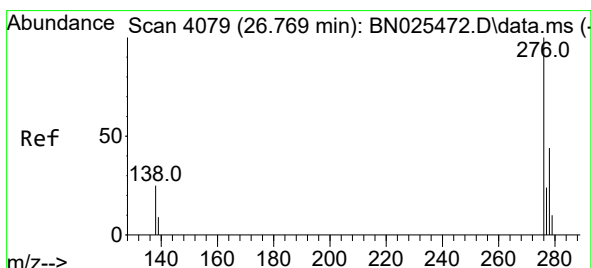
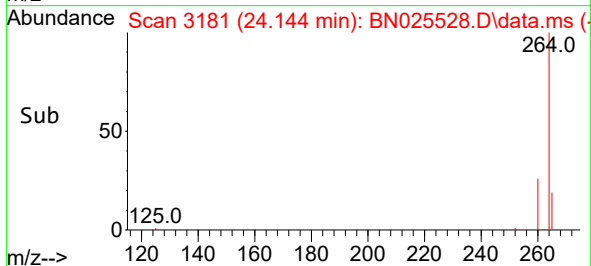
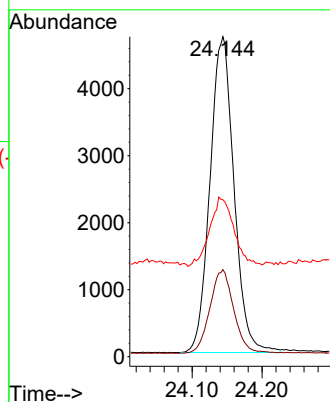
Tgt Ion:264 Resp: 11243

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 49.1 27.1 40.7#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.445 ng

RT: 26.781 min Scan# 4083

Delta R.T. 0.035 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

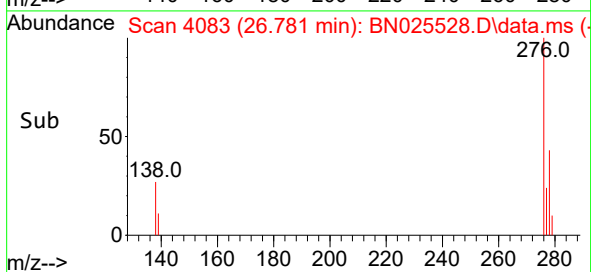
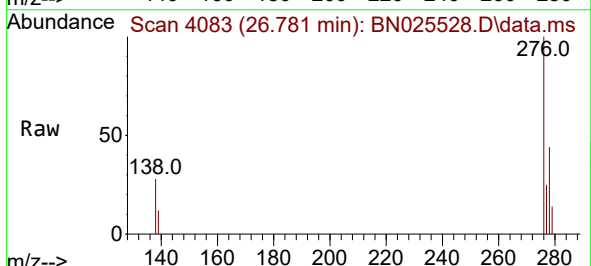
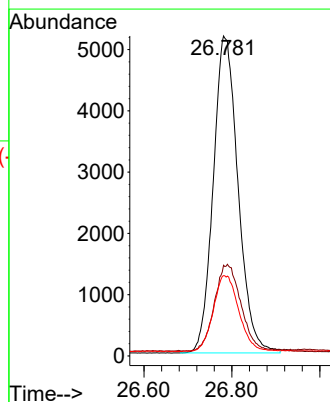
Tgt Ion:276 Resp: 20238

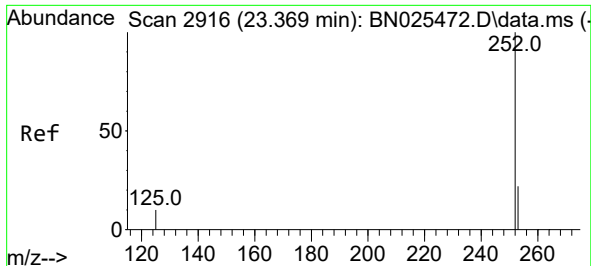
Ion Ratio Lower Upper

276 100

138 29.0 21.8 32.6

277 24.5 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.546 ng

RT: 23.419 min Scan# 2933

Delta R.T. 0.067 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

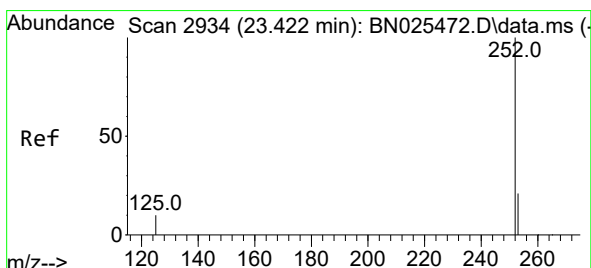
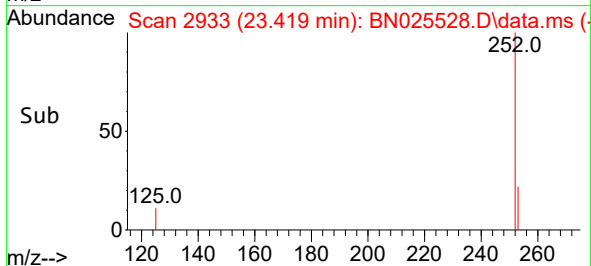
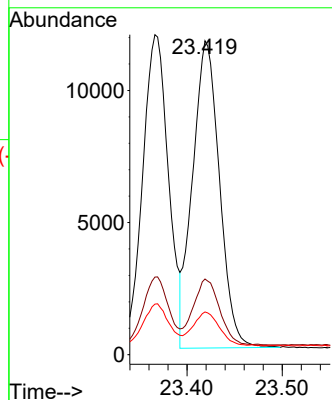
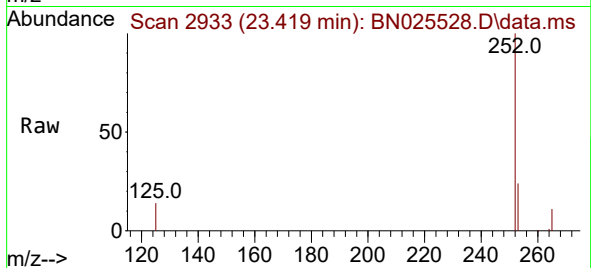
Tgt Ion:252 Resp: 22775

Ion Ratio Lower Upper

252 100

253 24.1 18.8 28.2

125 13.6 9.6 14.4



#38

Benzo(k)fluoranthene

Concen: 0.531 ng

RT: 23.419 min Scan# 2933

Delta R.T. 0.018 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

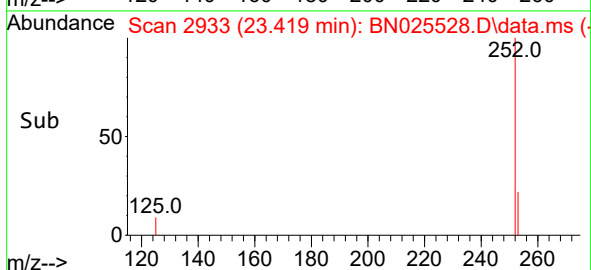
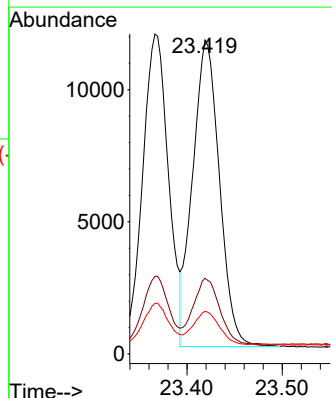
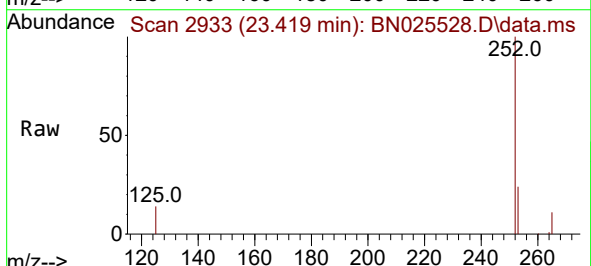
Tgt Ion:252 Resp: 22658

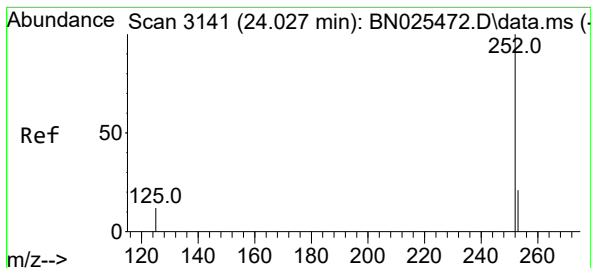
Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 13.6 9.8 14.8





#39

Benzo(a)pyrene

Concen: 0.498 ng

RT: 24.024 min Scan# 31

Delta R.T. 0.015 min

Lab File: BN025528.D

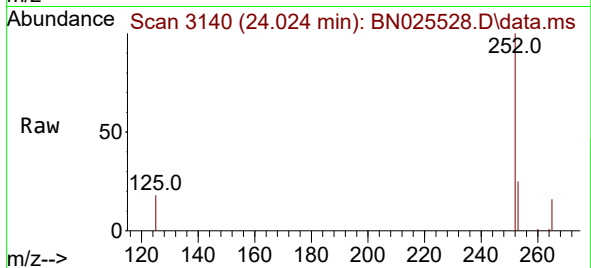
Acq: 20 May 2023 17:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



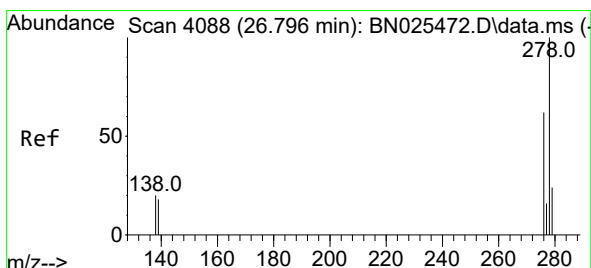
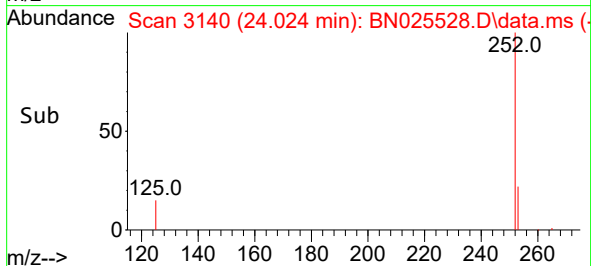
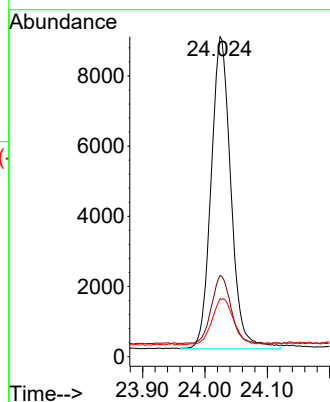
Tgt Ion:252 Resp: 19563

Ion Ratio Lower Upper

252 100

253 25.3 18.6 28.0

125 18.1 11.0 16.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.450 ng

RT: 26.807 min Scan# 4092

Delta R.T. 0.044 min

Lab File: BN025528.D

Acq: 20 May 2023 17:41

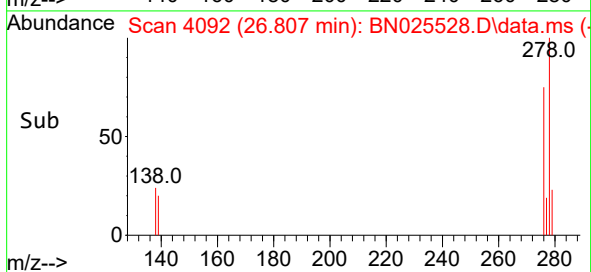
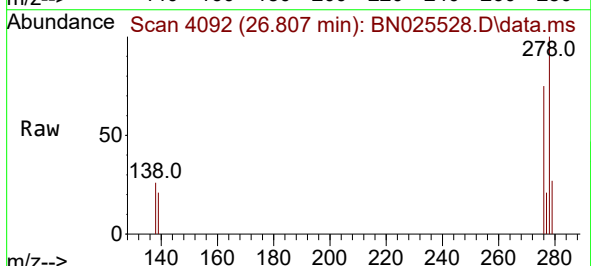
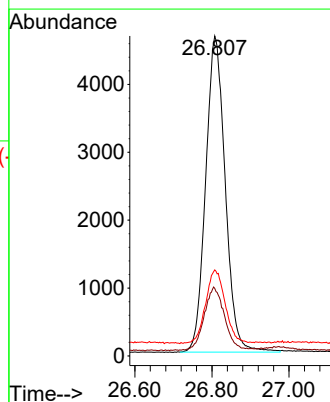
Tgt Ion:278 Resp: 16393

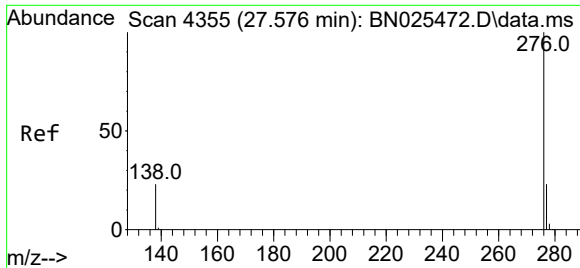
Ion Ratio Lower Upper

278 100

139 21.1 15.0 22.6

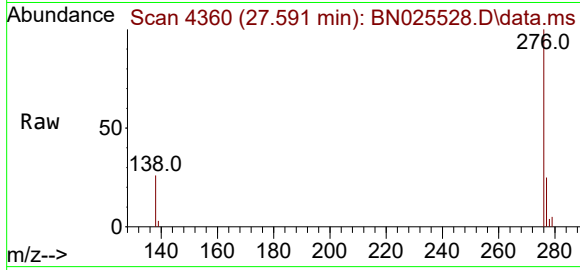
279 26.9 20.5 30.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.428 ng  
 RT: 27.591 min Scan# 41  
 Delta R.T. 0.041 min  
 Lab File: BN025528.D  
 Acq: 20 May 2023 17:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 16434 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.8  | 19.2  | 28.8  |
| 138      | 25.9  | 19.2  | 28.8  |

