

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052223\  
 Data File : BN025538.D  
 Acq On : 22 May 2023 14:54  
 Operator : CG/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: May 22 16:33:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 22 16:31:23 2023  
 Response via : Initial Calibration

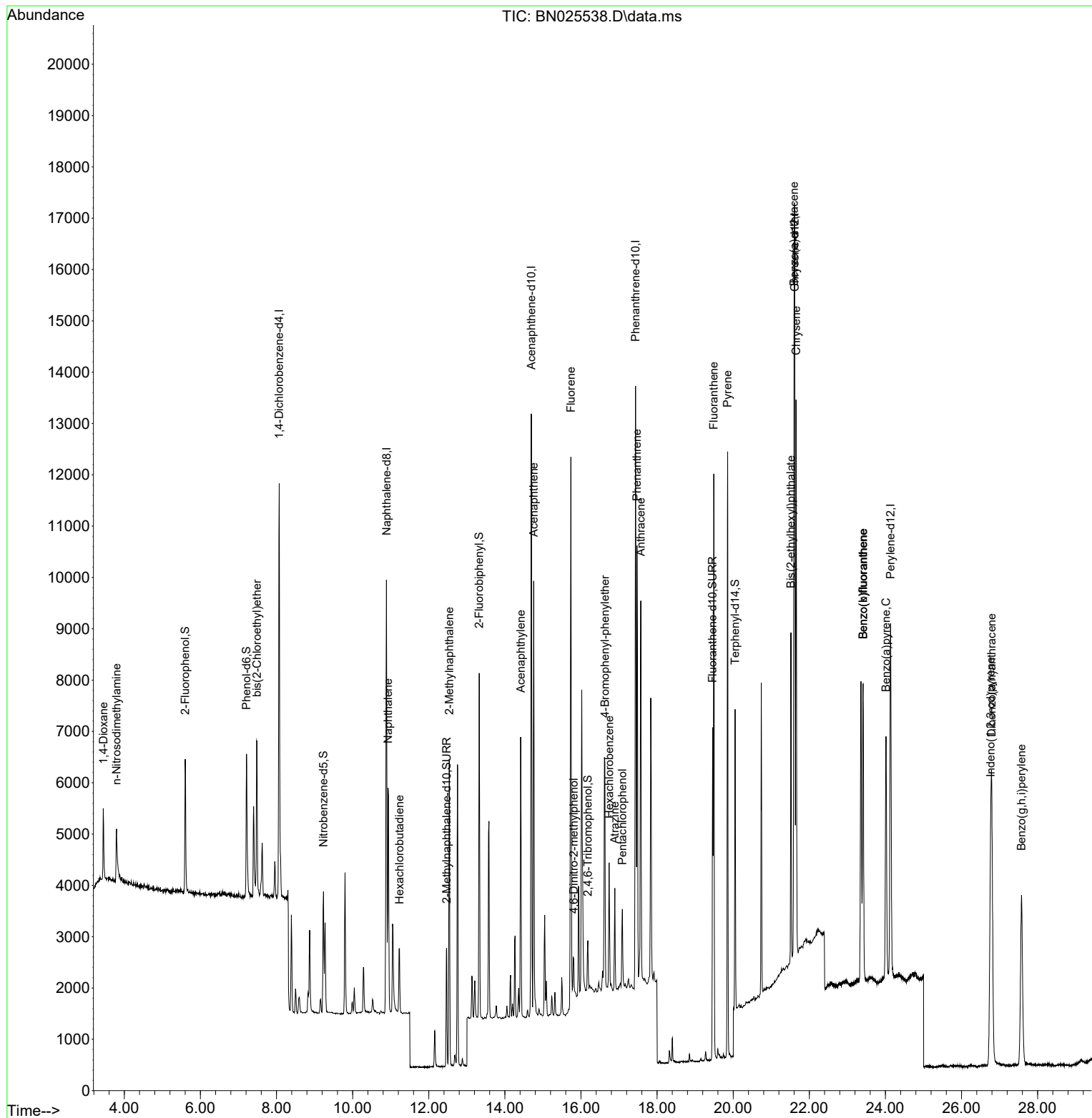
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.070  | 152  | 3982     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.889 | 136  | 11144    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.694 | 164  | 6434     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.435 | 188  | 15194    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.616 | 240  | 11388    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.135 | 264  | 11132    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.600  | 112  | 2243     | 0.250 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.211  | 99   | 2715     | 0.235 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.234  | 82   | 2024     | 0.227 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.468 | 152  | 3200     | 0.207 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.181 | 330  | 537      | 0.214 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.326 | 172  | 5716     | 0.232 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.460 | 212  | 7010     | 0.200 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.049 | 244  | 4813     | 0.238 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.448  | 88   | 947      | 0.233 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.794  | 42   | 988      | 0.221 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.485  | 93   | 2533     | 0.226 | ng    | 97       |
| 9) Naphthalene                | 10.931 | 128  | 6216     | 0.219 | ng    | 96       |
| 10) Hexachlorobutadiene       | 11.230 | 225  | 1103     | 0.205 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.540 | 142  | 4253     | 0.207 | ng    | 99       |
| 16) Acenaphthylene            | 14.416 | 152  | 5986     | 0.204 | ng    | 99       |
| 17) Acenaphthene              | 14.758 | 154  | 4278     | 0.221 | ng    | 98       |
| 18) Fluorene                  | 15.735 | 166  | 5218     | 0.218 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.809 | 198  | 766      | 0.242 | ng    | # 82     |
| 21) 4-Bromophenyl-phenylether | 16.628 | 248  | 1786     | 0.200 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.740 | 284  | 1592     | 0.191 | ng    | 99       |
| 23) Atrazine                  | 16.889 | 200  | 1514     | 0.208 | ng    | 95       |
| 24) Pentachlorophenol         | 17.088 | 266  | 835      | 0.198 | ng    | 98       |
| 25) Phenanthrene              | 17.472 | 178  | 9604     | 0.216 | ng    | 99       |
| 26) Anthracene                | 17.572 | 178  | 8399     | 0.202 | ng    | 99       |
| 28) Fluoranthene              | 19.490 | 202  | 10281    | 0.203 | ng    | 99       |
| 30) Pyrene                    | 19.852 | 202  | 10481    | 0.231 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.598 | 228  | 8824     | 0.214 | ng    | 99       |
| 33) Chrysene                  | 21.652 | 228  | 9403     | 0.230 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.518 | 149  | 5929     | 0.244 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.764 | 276  | 9700     | 0.215 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.413 | 252  | 8812     | 0.213 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.413 | 252  | 8760     | 0.207 | ng    | 95       |
| 39) Benzo(a)pyrene            | 24.015 | 252  | 7948     | 0.204 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.793 | 278  | 7845     | 0.217 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.576 | 276  | 8427     | 0.221 | ng    | 97       |

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

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Sample : SSTDICC0.2  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 22 16:31:23 2023  
Response via : Initial Calibration

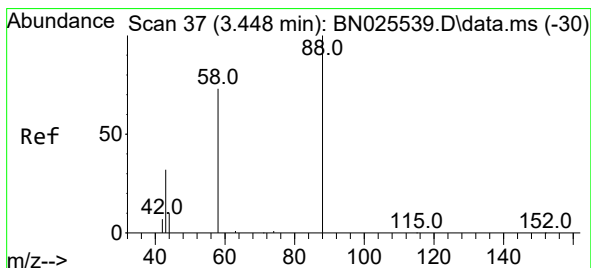
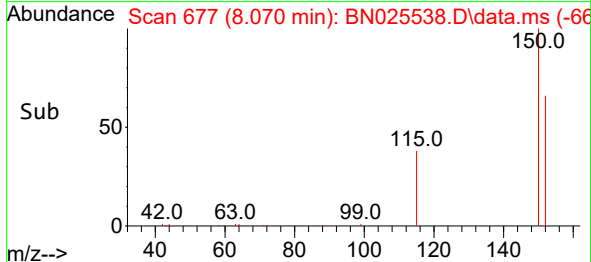
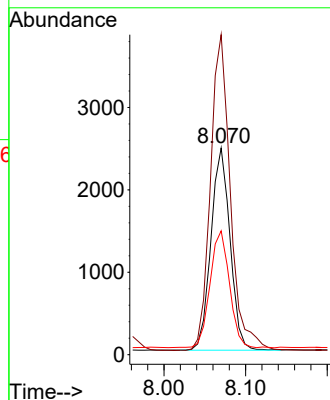
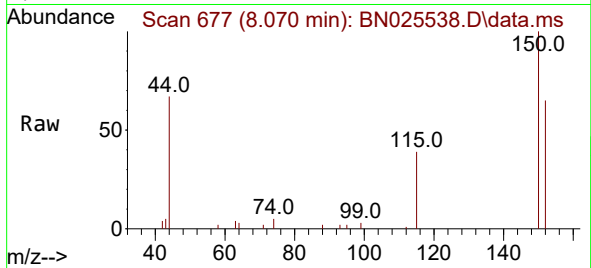




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.070 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

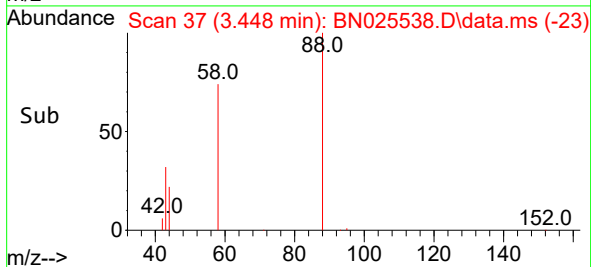
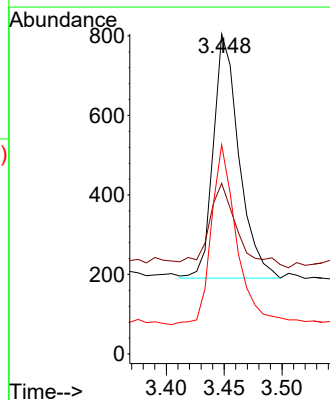
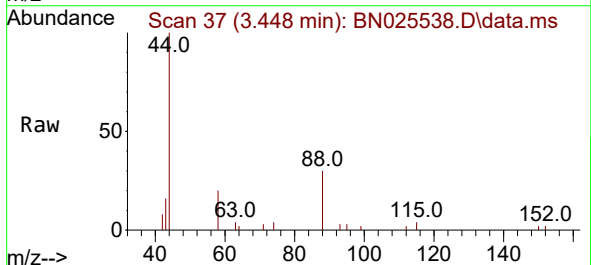
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

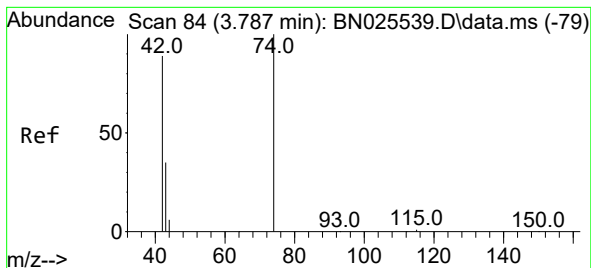
Tgt Ion:152 Resp: 3982  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 187.0  
115 60.0 49.1 73.7



#2  
1,4-Dioxane  
Concen: 0.233 ng  
RT: 3.448 min Scan# 37  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion: 88 Resp: 947  
Ion Ratio Lower Upper  
88 100  
43 38.1 25.8 38.8  
58 73.0 54.9 82.3





#3

n-Nitrosodimethylamine

Concen: 0.221 ng

RT: 3.794 min Scan# 81

Delta R.T. 0.007 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

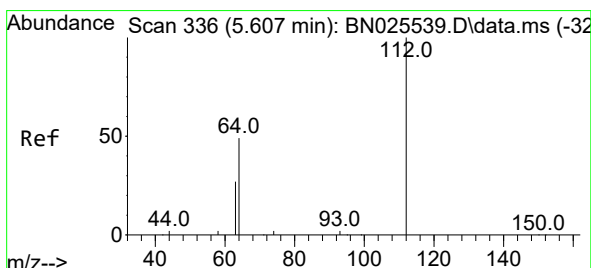
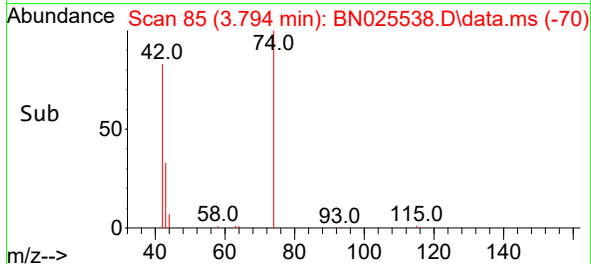
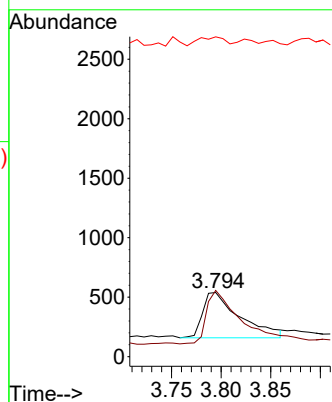
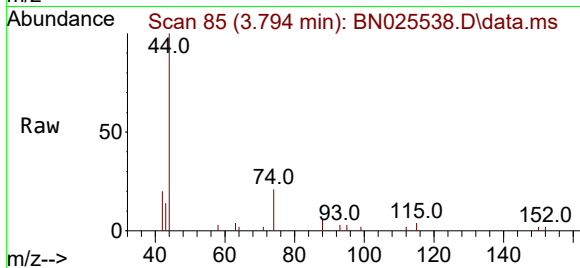
Tgt Ion: 42 Resp: 988

Ion Ratio Lower Upper

42 100

74 107.9 89.7 134.5

44 13.6 7.5 11.3#



#4

2-Fluorophenol

Concen: 0.250 ng

RT: 5.600 min Scan# 335

Delta R.T. -0.007 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

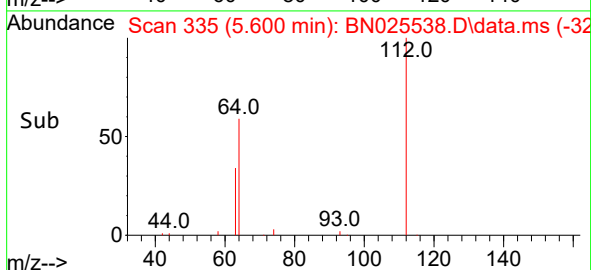
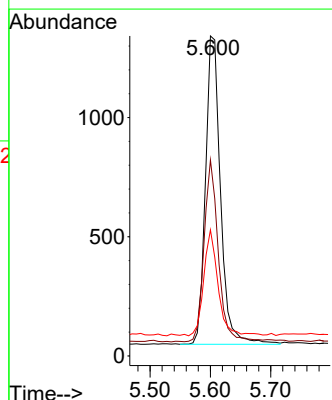
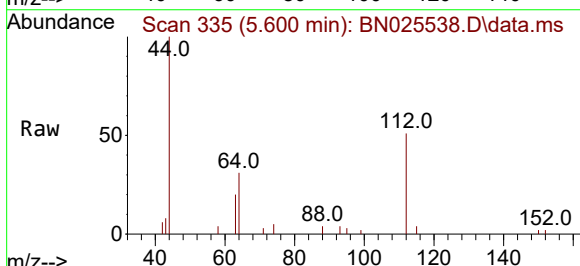
Tgt Ion: 112 Resp: 2243

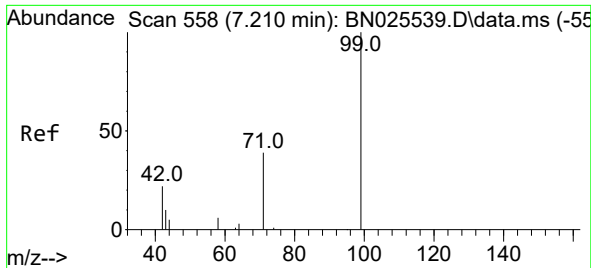
Ion Ratio Lower Upper

112 100

64 56.2 44.2 66.4

63 32.0 25.4 38.2

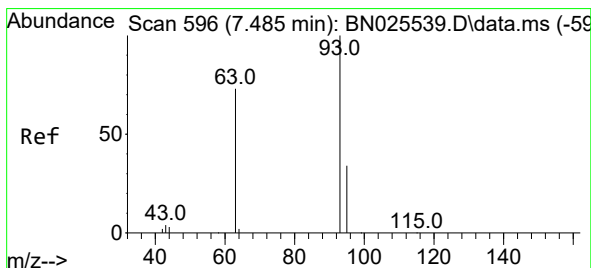
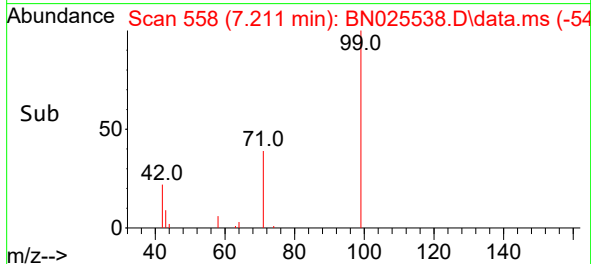
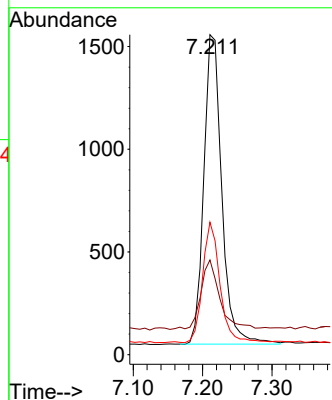
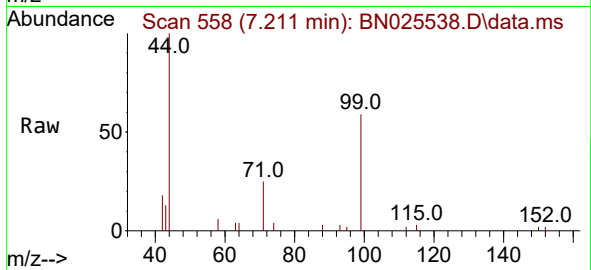




#5  
Phenol-d6  
Concen: 0.235 ng  
RT: 7.211 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

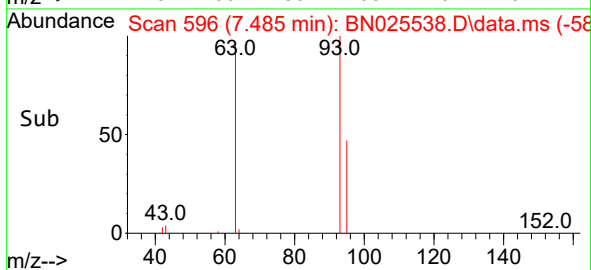
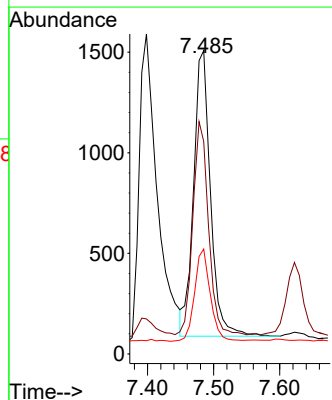
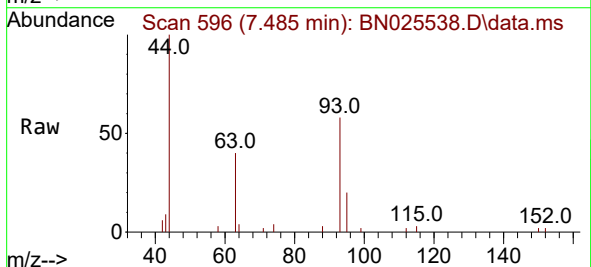
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BNA\_N  
ClientSampleId :  
SSTDICC0.2

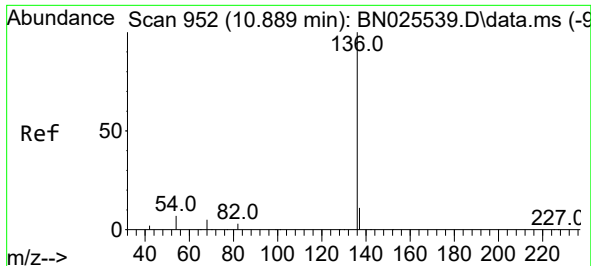
Tgt Ion: 99 Resp: 2715  
Ion Ratio Lower Upper  
99 100  
42 23.7 17.5 26.3  
71 37.6 30.1 45.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.226 ng  
RT: 7.485 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion: 93 Resp: 2533  
Ion Ratio Lower Upper  
93 100  
63 68.7 56.9 85.3  
95 30.0 24.9 37.3

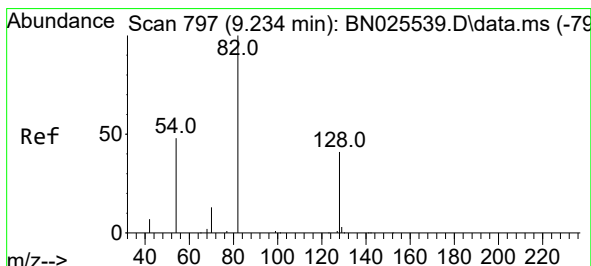
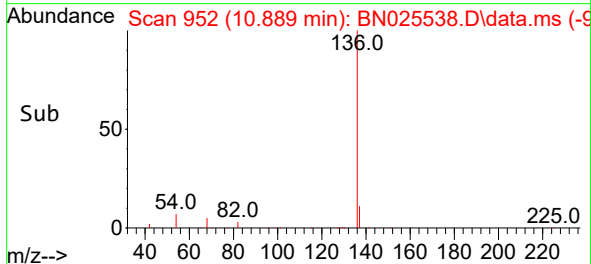
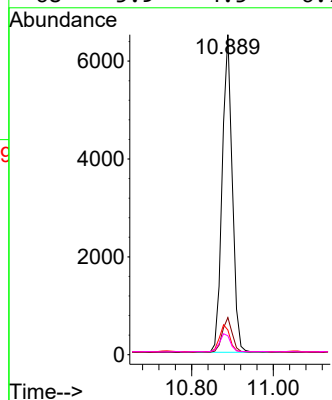
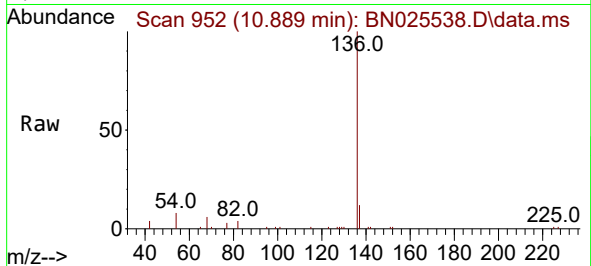




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.889 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

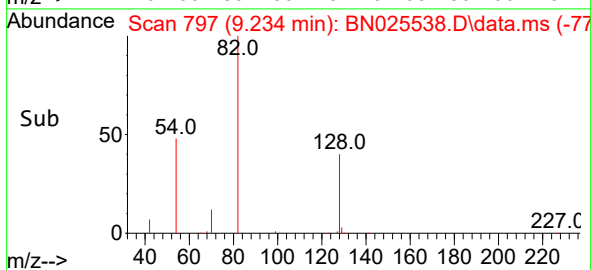
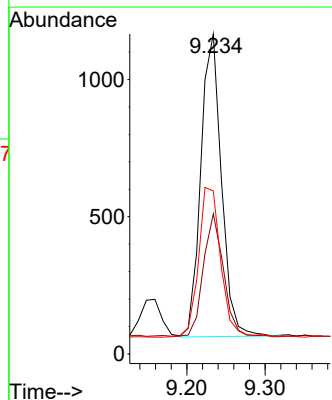
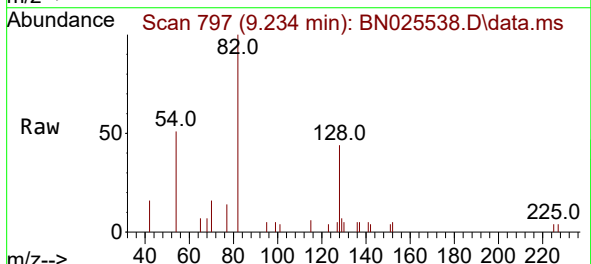
Instrument :  
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ClientSampleId :  
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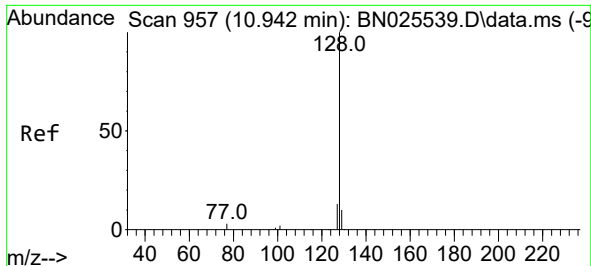
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 11144 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.1   | 13.7  |
| 54        | 7.7   | 6.2   | 9.4   |
| 68        | 5.9   | 4.5   | 6.7   |



#8  
Nitrobenzene-d5  
Concen: 0.227 ng  
RT: 9.234 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2024 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.8  | 33.8  | 50.8 |
| 54        | 50.9  | 39.8  | 59.6 |

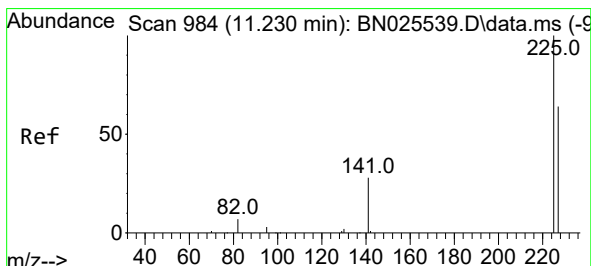
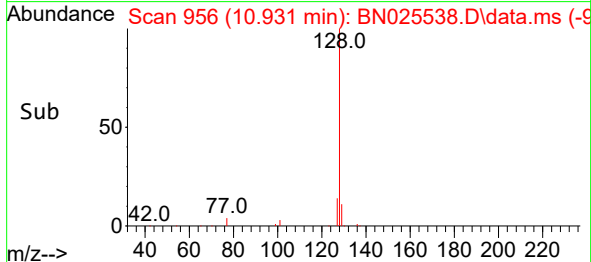
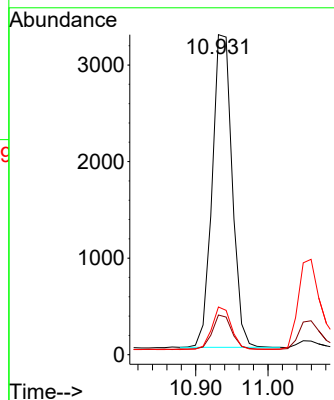
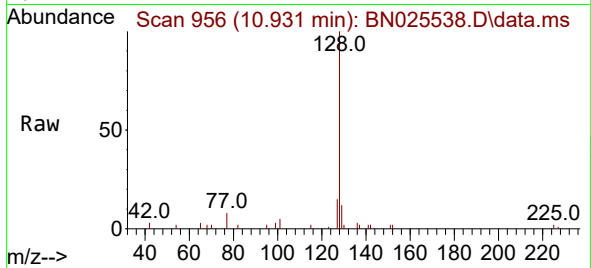




#9  
Naphthalene  
Concen: 0.219 ng  
RT: 10.931 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

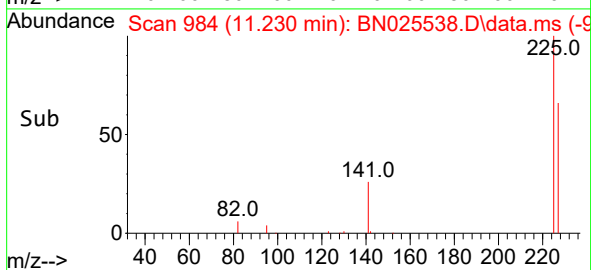
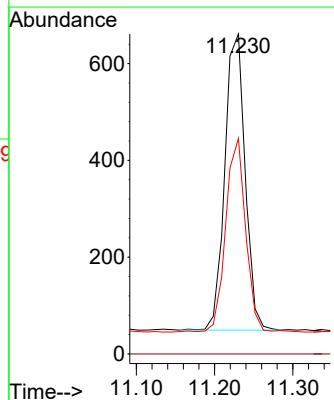
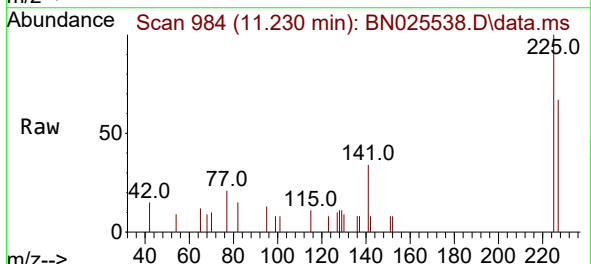
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BNA\_N  
ClientSampleId :  
SSTDICC0.2

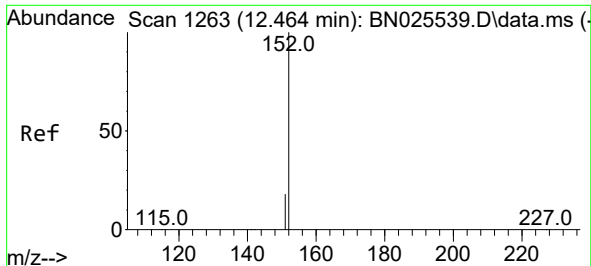
Tgt Ion:128 Resp: 6216  
Ion Ratio Lower Upper  
128 100  
129 12.4 8.8 13.2  
127 14.9 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.205 ng  
RT: 11.230 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion:225 Resp: 1103  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.3 51.0 76.6

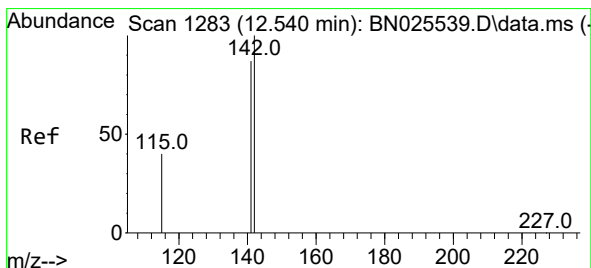
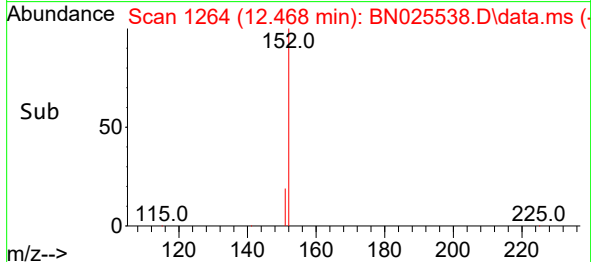
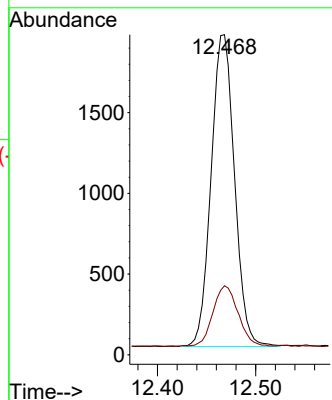
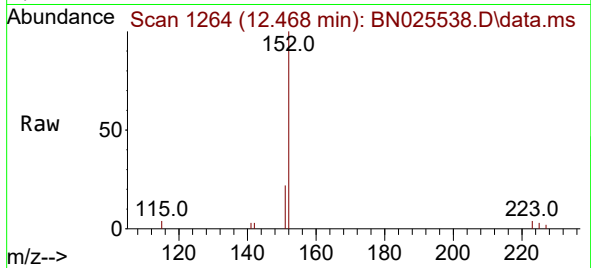




#11  
2-Methylnaphthalene-d10  
Concen: 0.207 ng  
RT: 12.468 min Scan# 1263  
Delta R.T. 0.004 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

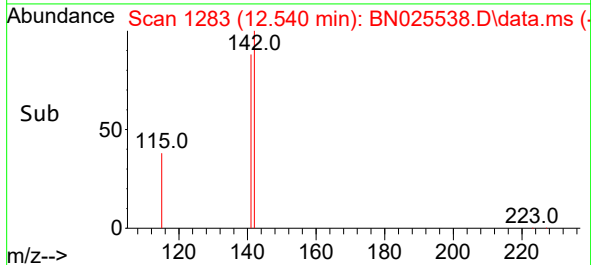
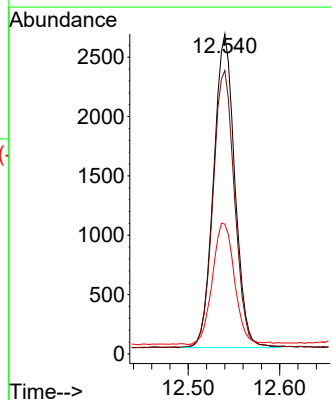
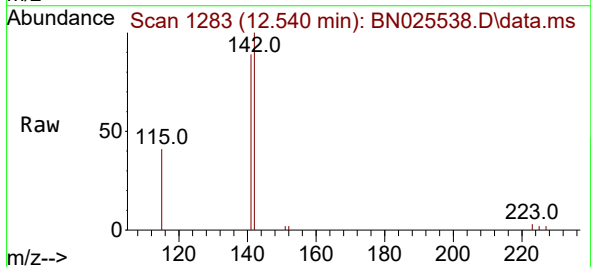
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BNA\_N  
ClientSampleId :  
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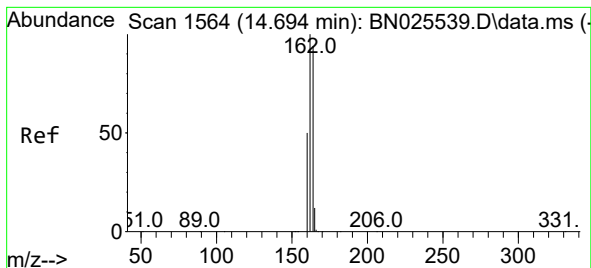
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Ion Ratio Lower Upper  
152 100  
151 21.2 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.207 ng  
RT: 12.540 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion:142 Resp: 4253  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.1 105.1  
115 40.6 32.8 49.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

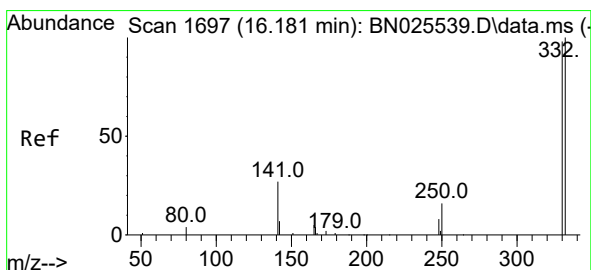
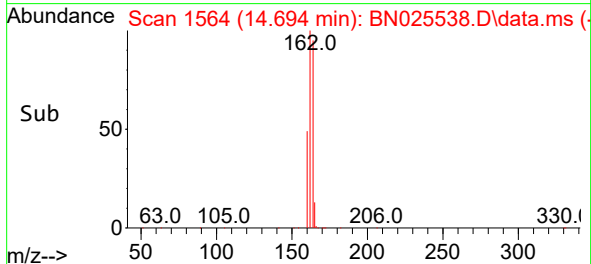
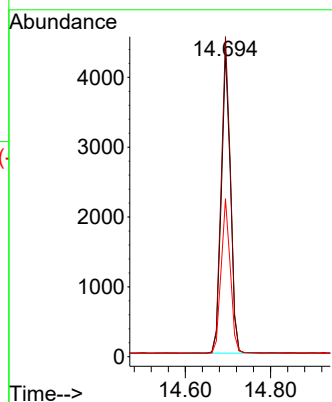
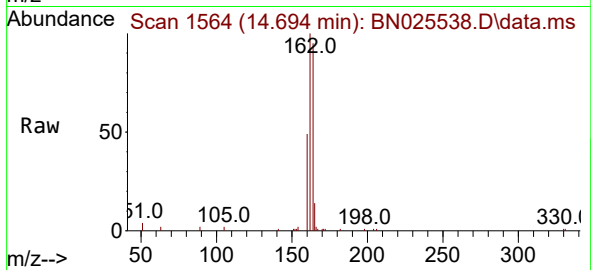
Tgt Ion:164 Resp: 6434

Ion Ratio Lower Upper

164 100

162 104.8 85.5 128.3

160 51.8 42.9 64.3



#14

2,4,6-Tribromophenol

Concen: 0.214 ng

RT: 16.181 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

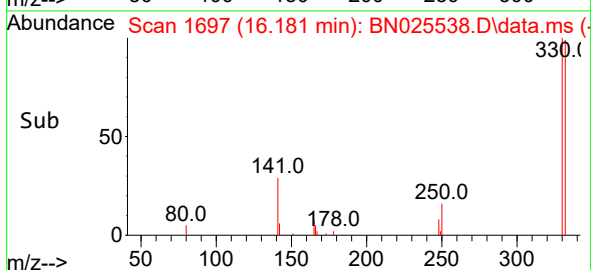
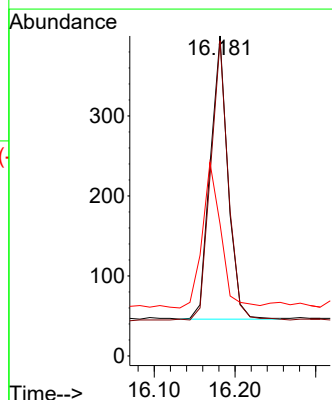
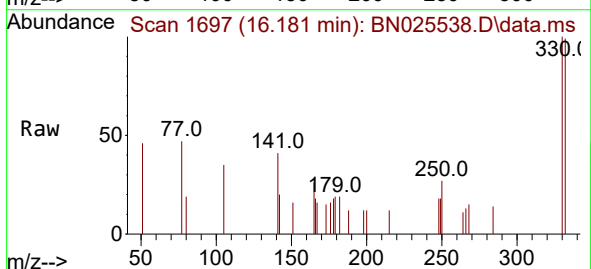
Tgt Ion:330 Resp: 537

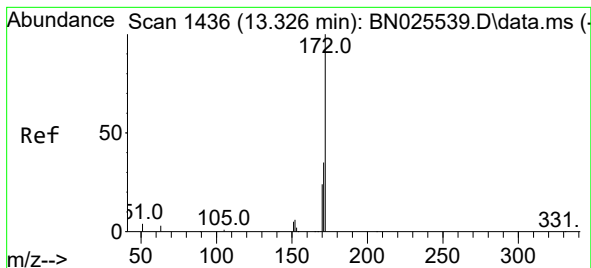
Ion Ratio Lower Upper

330 100

332 98.1 76.7 115.1

141 54.0 43.0 64.6





#15

2-Fluorobiphenyl

Concen: 0.232 ng

RT: 13.326 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

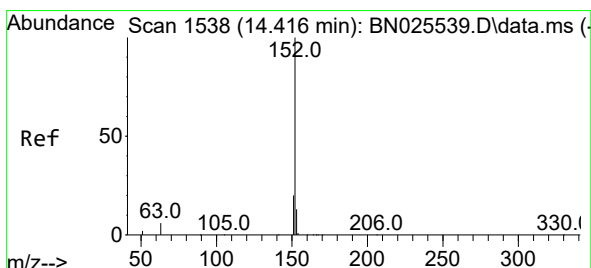
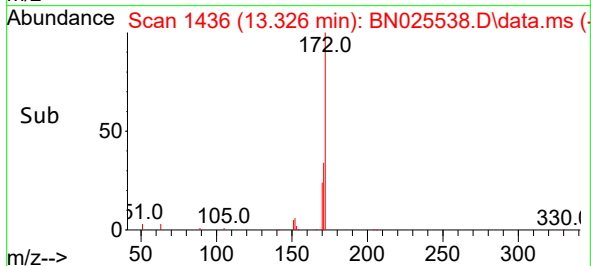
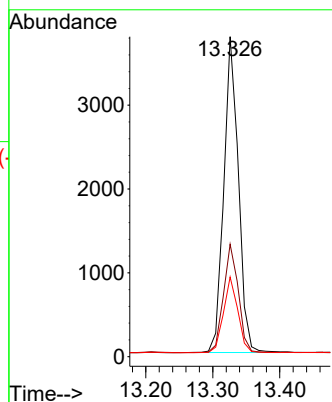
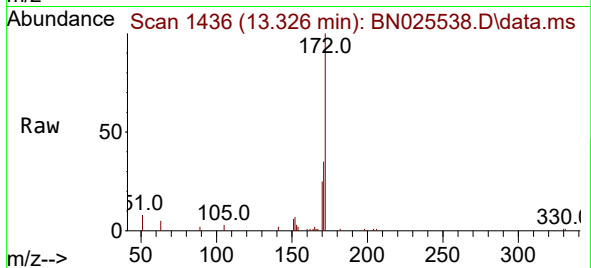
Tgt Ion:172 Resp: 5716

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 24.9 19.3 28.9



#16

Acenaphthylene

Concen: 0.204 ng

RT: 14.416 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

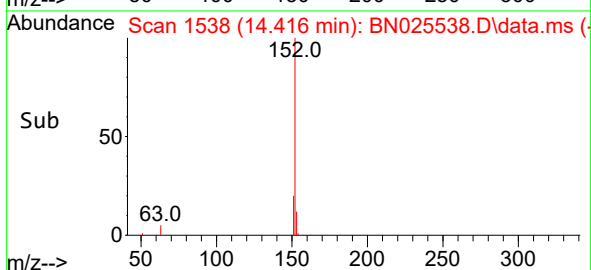
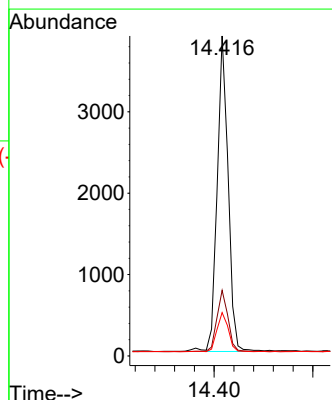
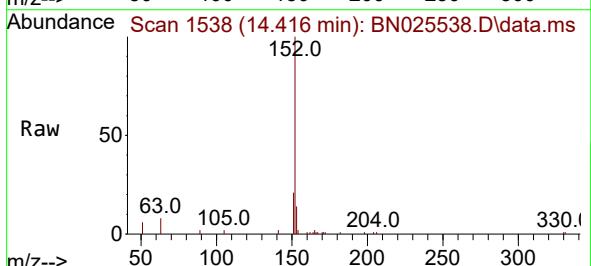
Tgt Ion:152 Resp: 5986

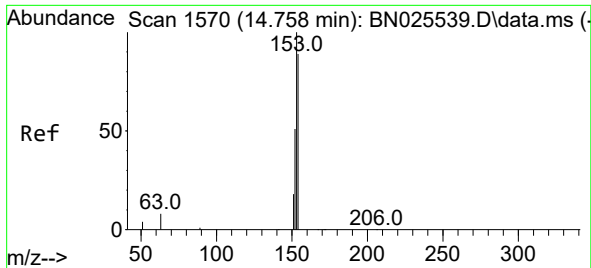
Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9

153 13.1 10.4 15.6

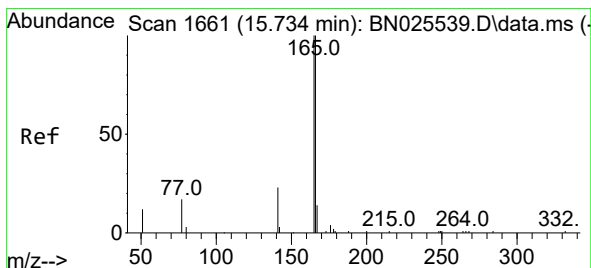
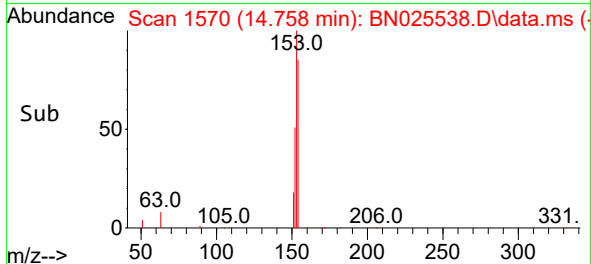
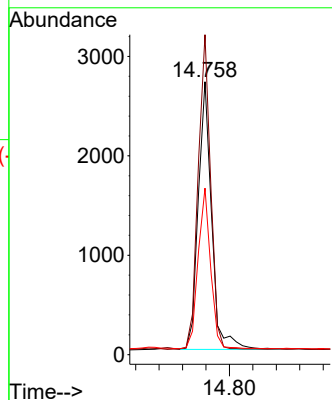
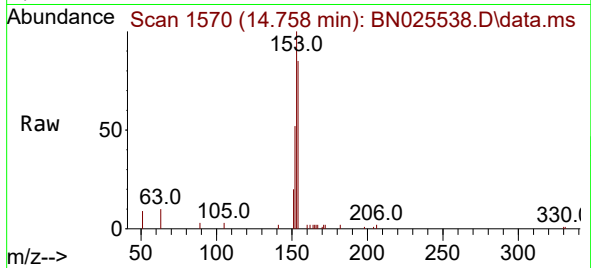




#17  
Acenaphthene  
Concen: 0.221 ng  
RT: 14.758 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

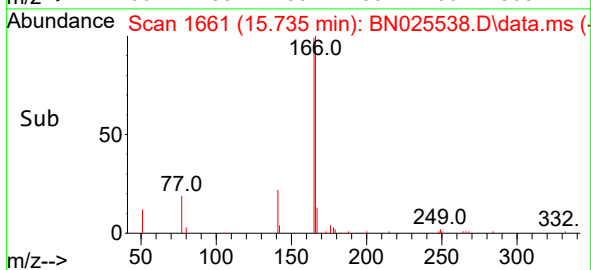
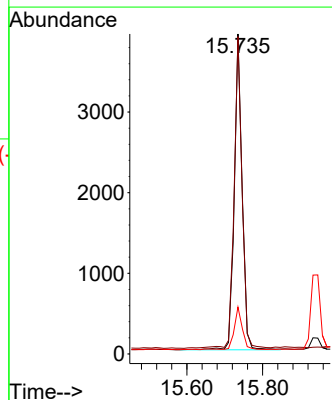
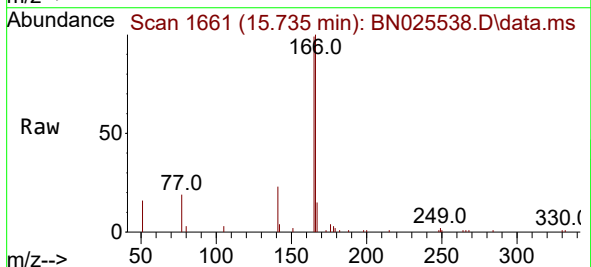
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

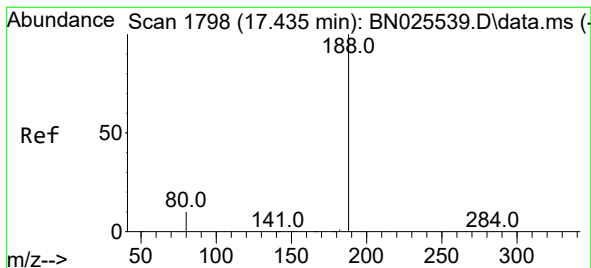
Tgt Ion:154 Resp: 4278  
Ion Ratio Lower Upper  
154 100  
153 109.9 85.4 128.2  
152 56.2 44.3 66.5



#18  
Fluorene  
Concen: 0.218 ng  
RT: 15.735 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion:166 Resp: 5218  
Ion Ratio Lower Upper  
166 100  
165 100.0 79.1 118.7  
167 14.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

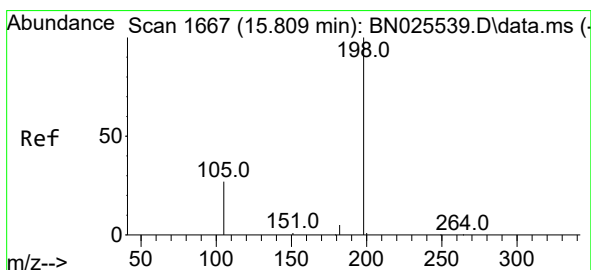
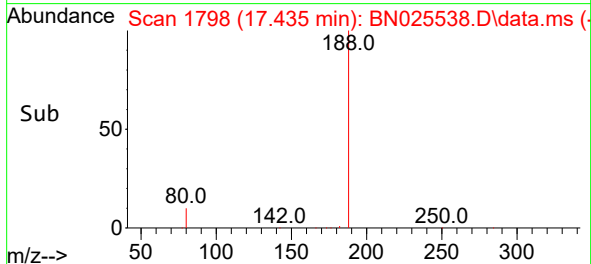
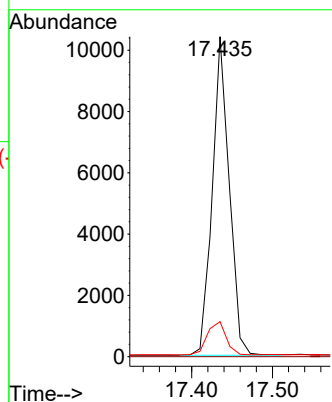
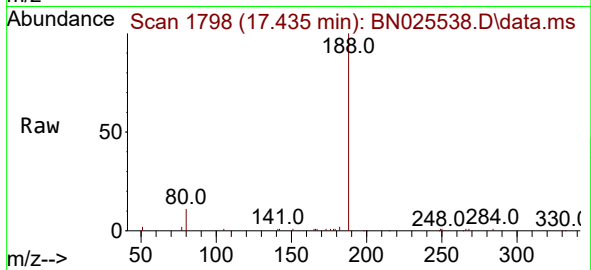
Tgt Ion:188 Resp: 15194

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.242 ng

RT: 15.809 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

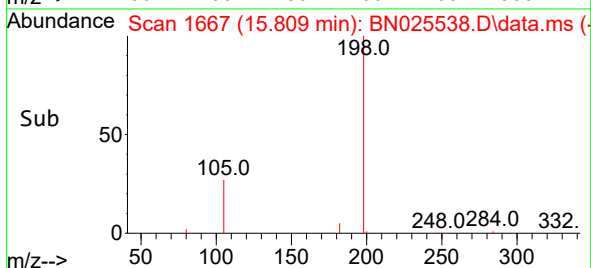
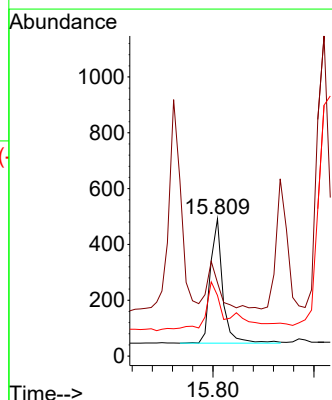
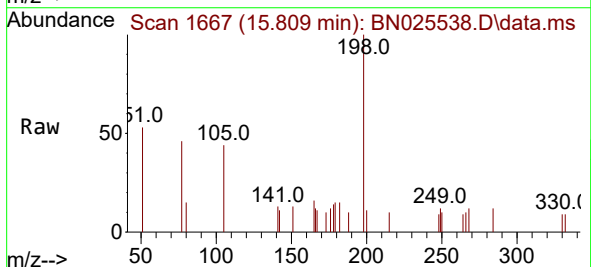
Tgt Ion:198 Resp: 766

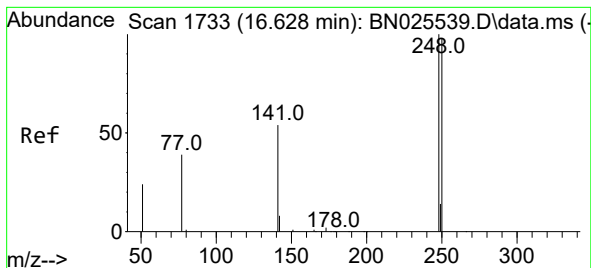
Ion Ratio Lower Upper

198 100

51 53.5 31.7 47.5#

105 44.1 29.2 43.8#

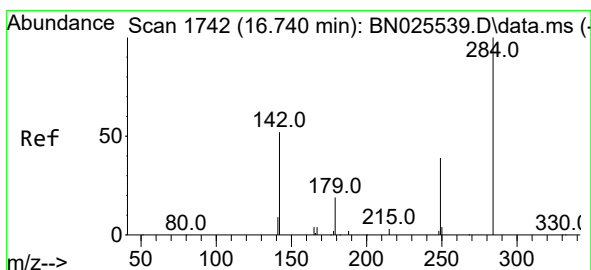
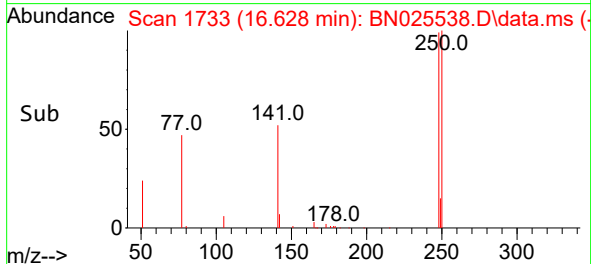
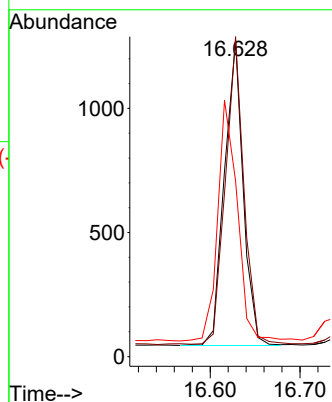
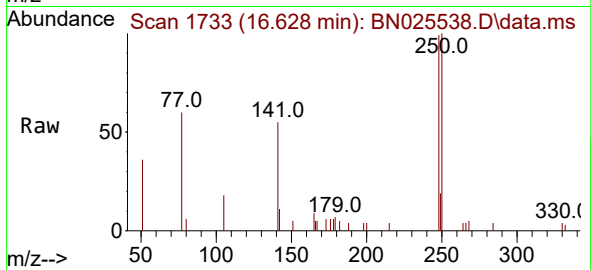




#21  
4-Bromophenyl-phenylether  
Concen: 0.200 ng  
RT: 16.628 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

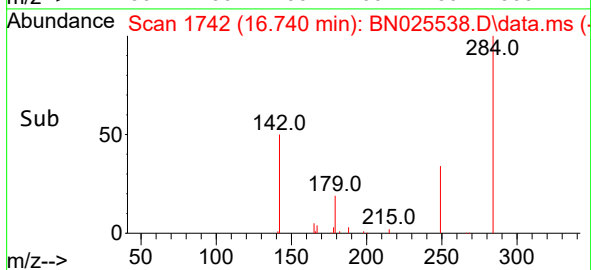
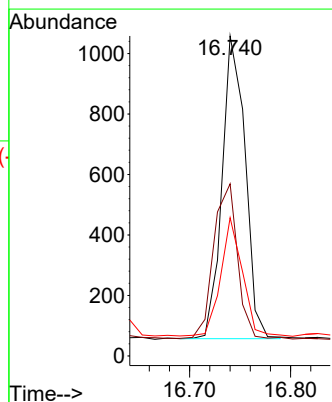
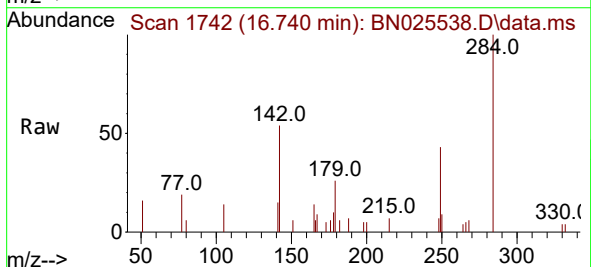
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

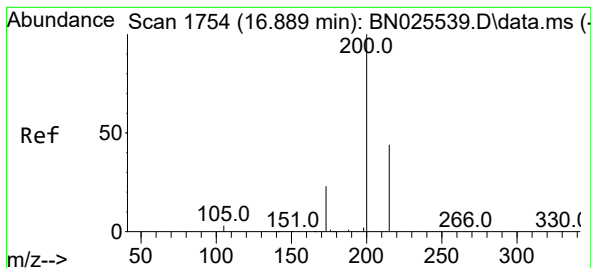
Tgt Ion:248 Resp: 1786  
Ion Ratio Lower Upper  
248 100  
250 101.2 78.9 118.3  
141 55.7 43.9 65.9



#22  
Hexachlorobenzene  
Concen: 0.191 ng  
RT: 16.740 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion:284 Resp: 1592  
Ion Ratio Lower Upper  
284 100  
142 52.1 41.6 62.4  
249 36.4 28.3 42.5





#23

Atrazine

Concen: 0.208 ng

RT: 16.889 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

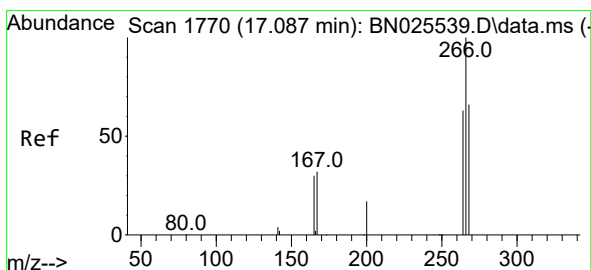
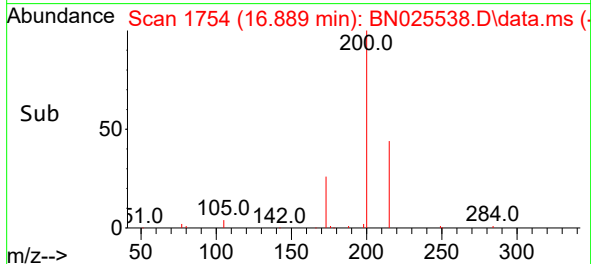
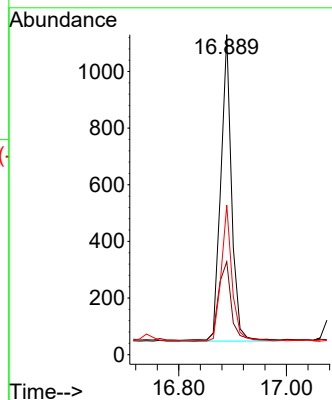
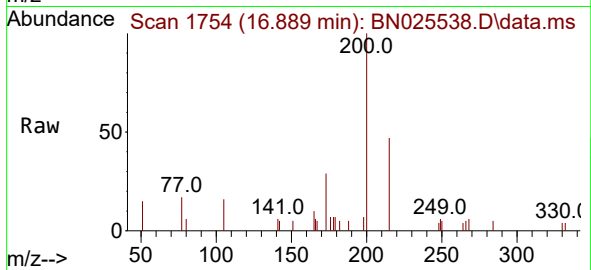
Tgt Ion:200 Resp: 1514

Ion Ratio Lower Upper

200 100

173 29.0 20.2 30.4

215 46.7 35.8 53.8



#24

Pentachlorophenol

Concen: 0.198 ng

RT: 17.088 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

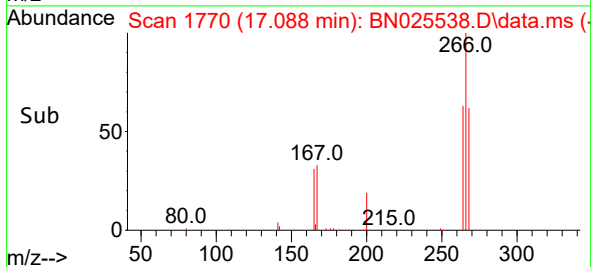
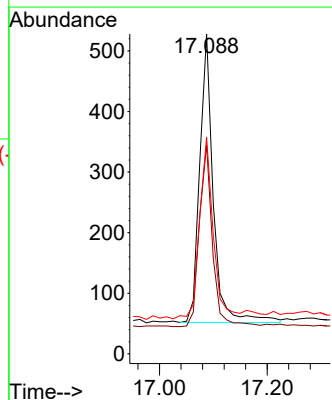
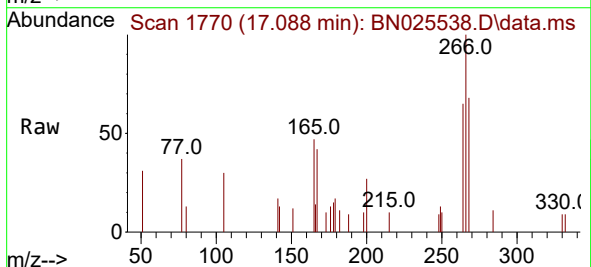
Tgt Ion:266 Resp: 835

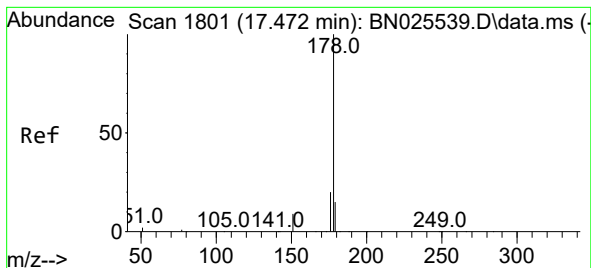
Ion Ratio Lower Upper

266 100

264 60.6 51.3 76.9

268 63.7 51.2 76.8





#25

Phenanthrene

Concen: 0.216 ng

RT: 17.472 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

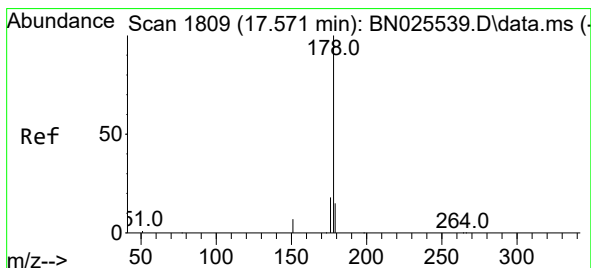
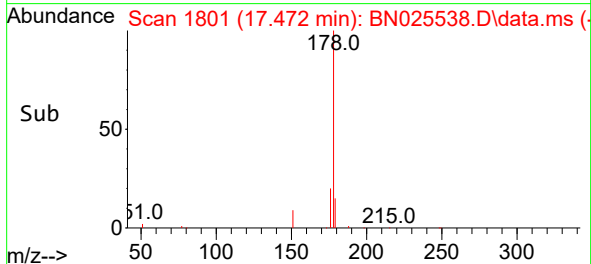
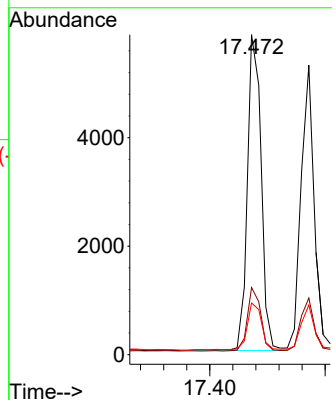
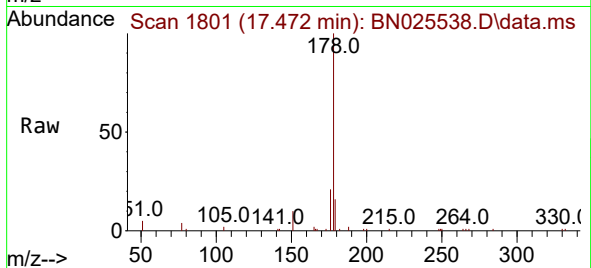
Tgt Ion:178 Resp: 9604

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 16.0 12.5 18.7



#26

Anthracene

Concen: 0.202 ng

RT: 17.572 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

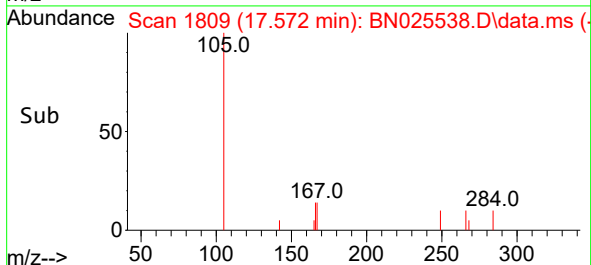
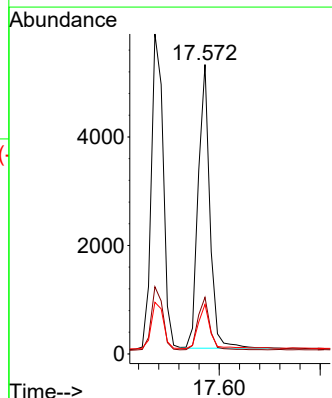
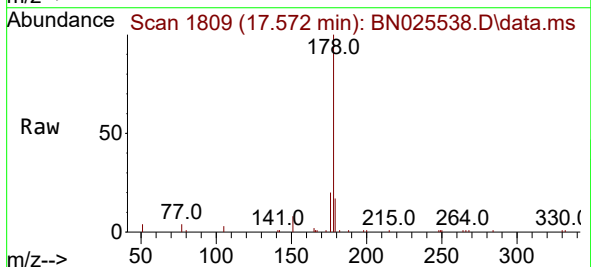
Tgt Ion:178 Resp: 8399

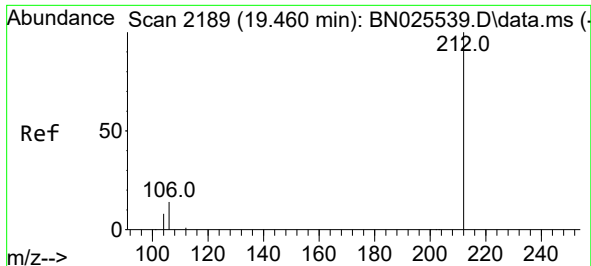
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.9 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.200 ng

RT: 19.460 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

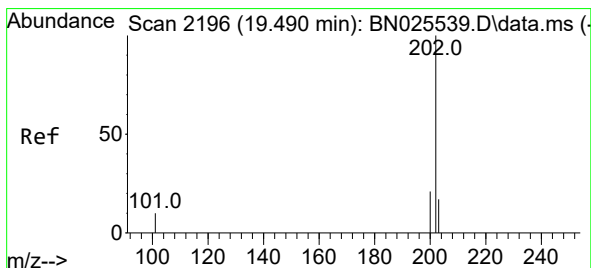
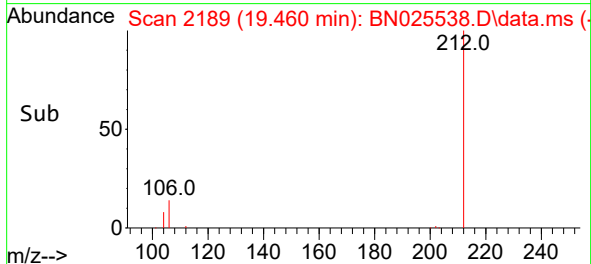
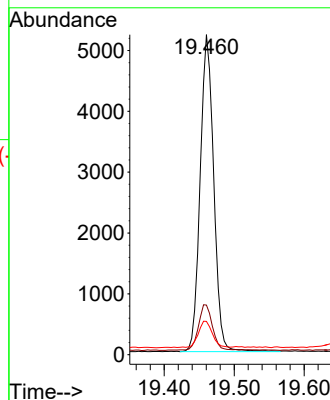
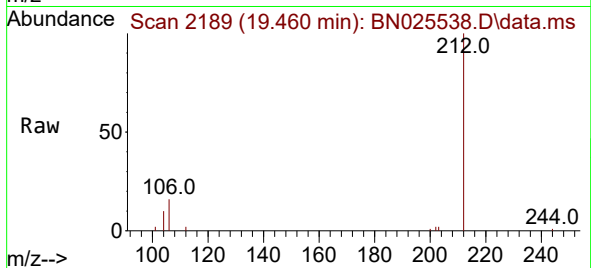
Tgt Ion:212 Resp: 7010

Ion Ratio Lower Upper

212 100

106 14.6 11.4 17.2

104 8.5 6.8 10.2



#28

Fluoranthene

Concen: 0.203 ng

RT: 19.490 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

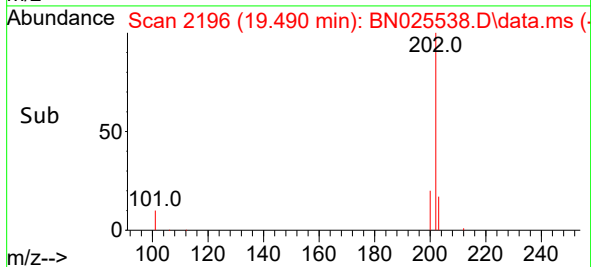
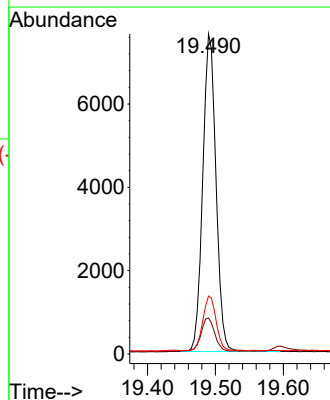
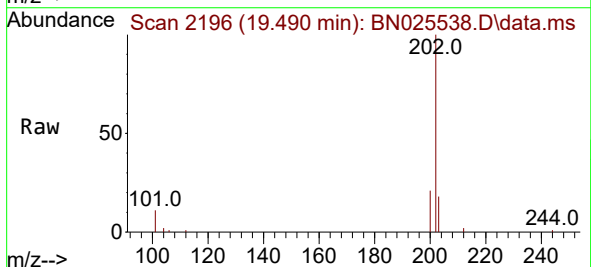
Tgt Ion:202 Resp: 10281

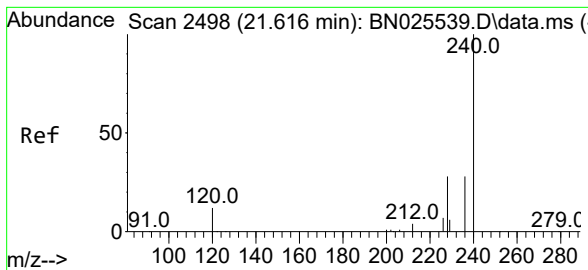
Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

203 17.3 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

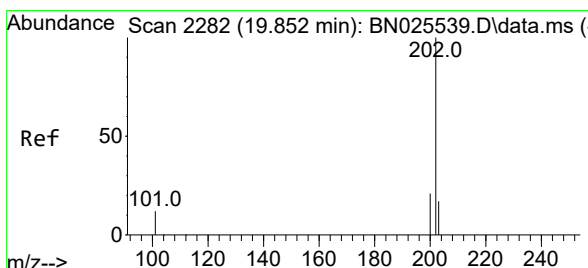
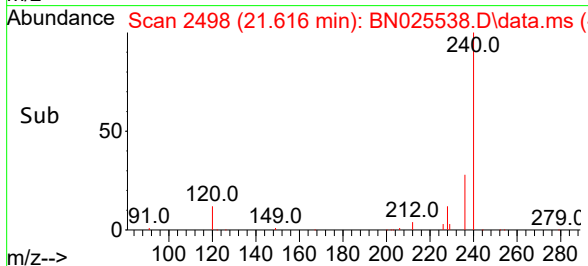
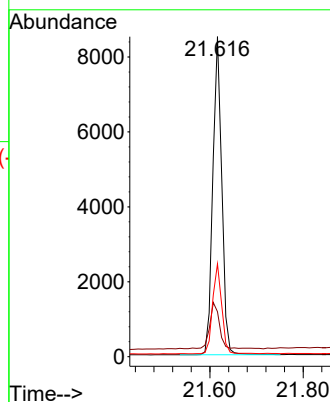
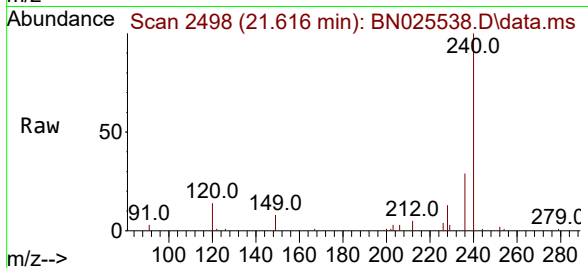
Tgt Ion:240 Resp: 11388

Ion Ratio Lower Upper

240 100

120 14.1 11.7 17.5

236 29.0 23.0 34.6



#30

Pyrene

Concen: 0.231 ng

RT: 19.852 min Scan# 2282

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

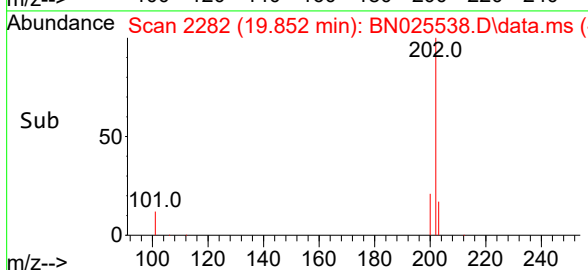
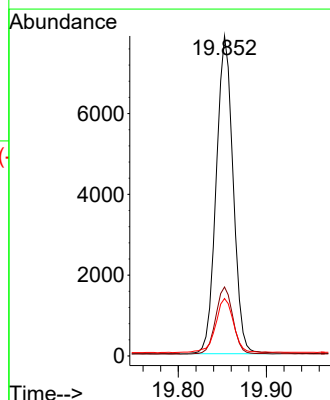
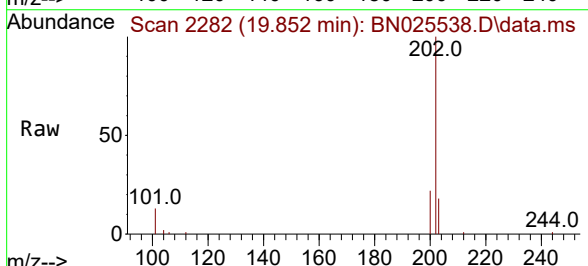
Tgt Ion:202 Resp: 10481

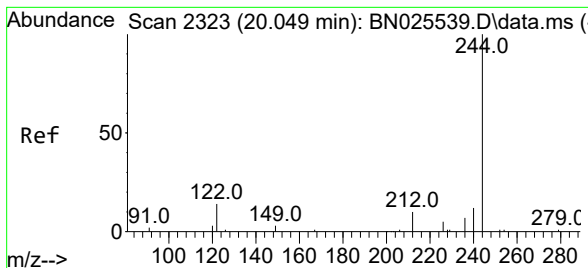
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 18.1 14.3 21.5





#31

Terphenyl-d14

Concen: 0.238 ng

RT: 20.049 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

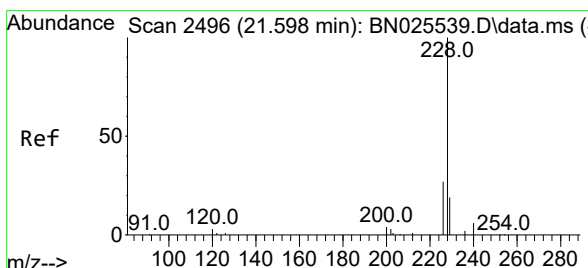
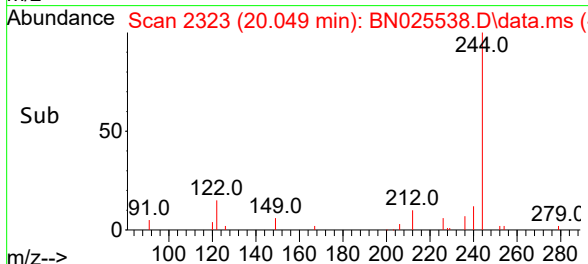
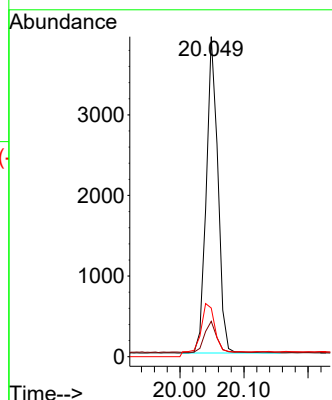
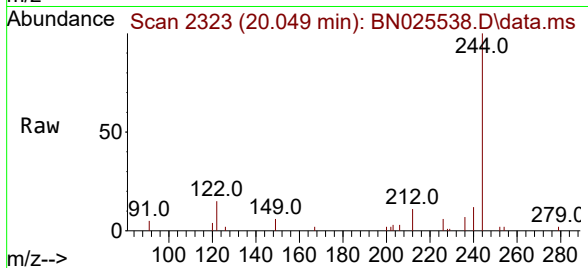
Tgt Ion:244 Resp: 4813

Ion Ratio Lower Upper

244 100

212 11.0 8.4 12.6

122 15.2 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.214 ng

RT: 21.598 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

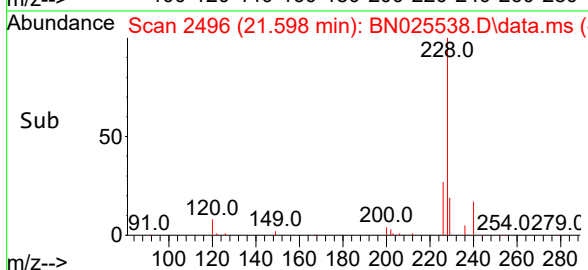
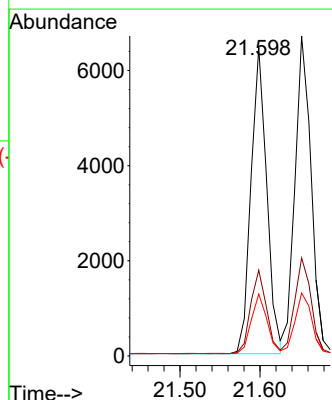
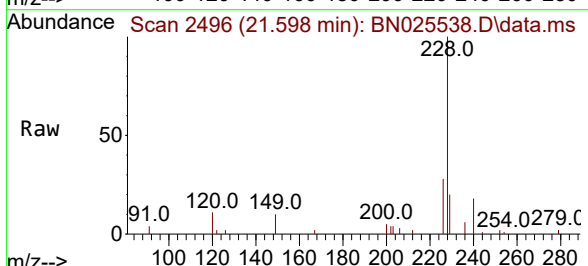
Tgt Ion:228 Resp: 8824

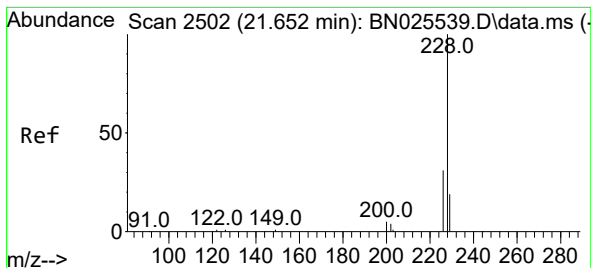
Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 20.1 15.4 23.2





#33

Chrysene

Concen: 0.230 ng

RT: 21.652 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

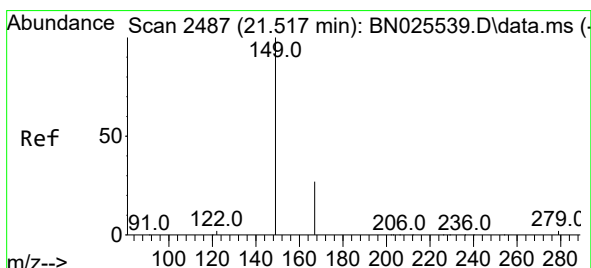
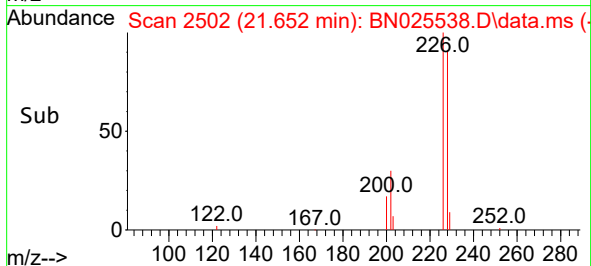
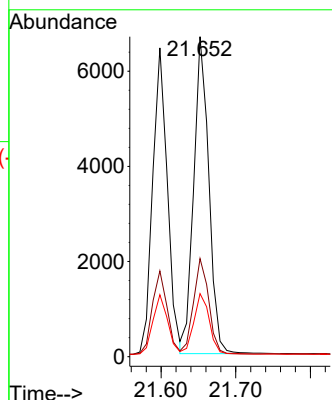
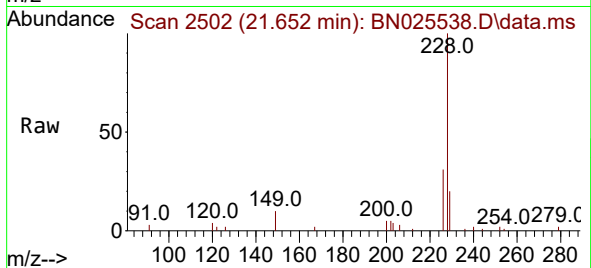
Tgt Ion:228 Resp: 9403

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.7 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.244 ng

RT: 21.518 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

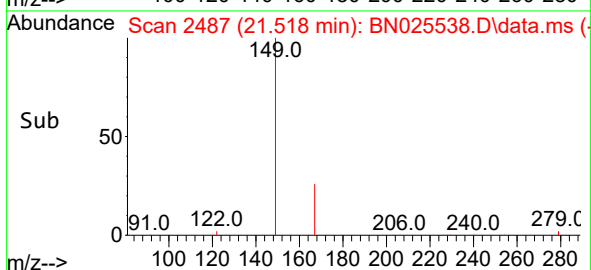
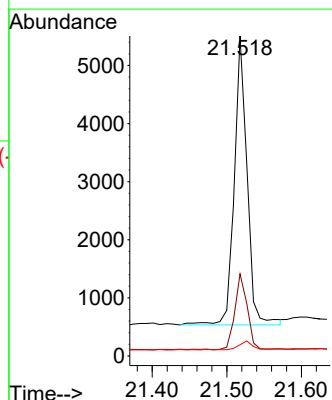
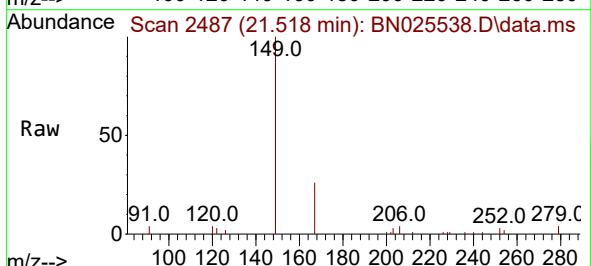
Tgt Ion:149 Resp: 5929

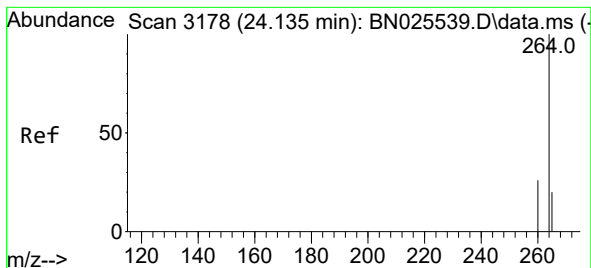
Ion Ratio Lower Upper

149 100

167 25.8 21.5 32.3

279 3.4 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.135 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

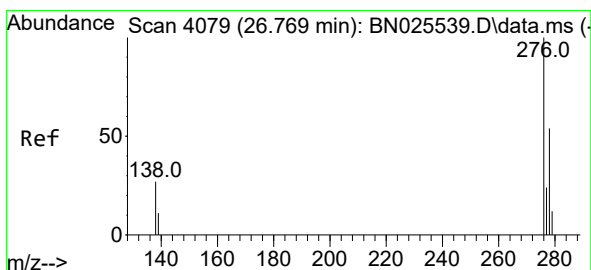
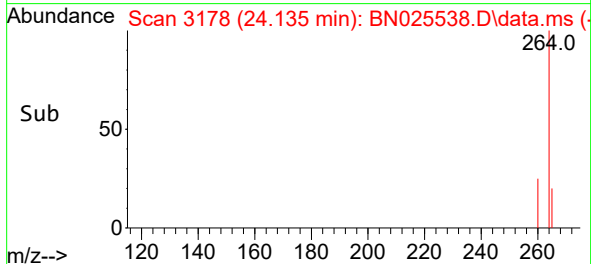
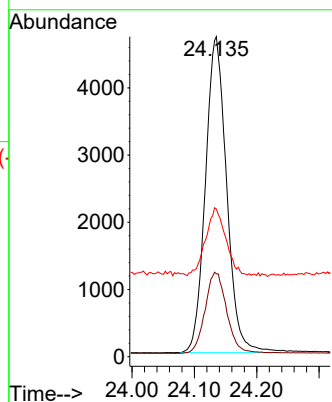
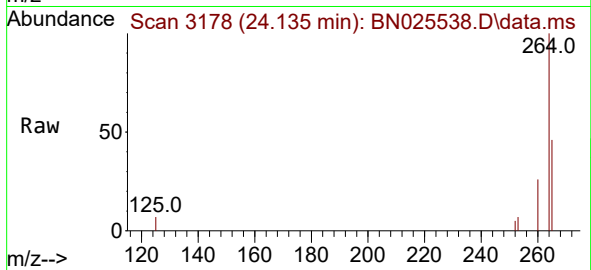
Tgt Ion:264 Resp: 11132

Ion Ratio Lower Upper

264 100

260 25.9 21.1 31.7

265 46.2 35.5 53.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.215 ng

RT: 26.764 min Scan# 4077

Delta R.T. -0.006 min

Lab File: BN025538.D

Acq: 22 May 2023 14:54

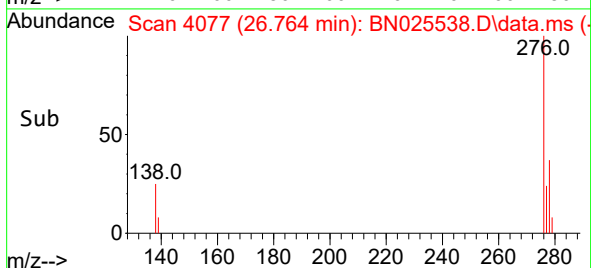
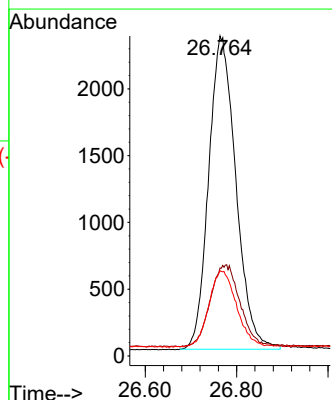
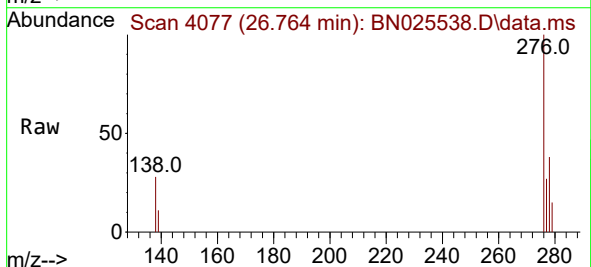
Tgt Ion:276 Resp: 9700

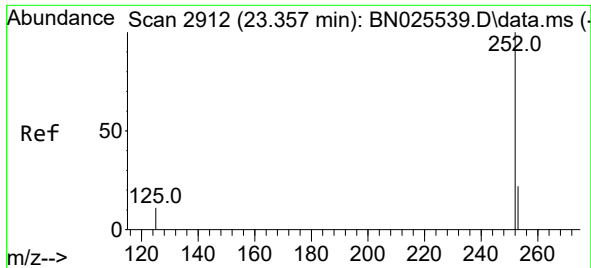
Ion Ratio Lower Upper

276 100

138 28.9 22.8 34.2

277 24.3 19.8 29.6

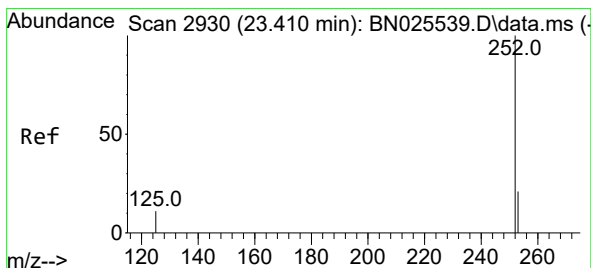
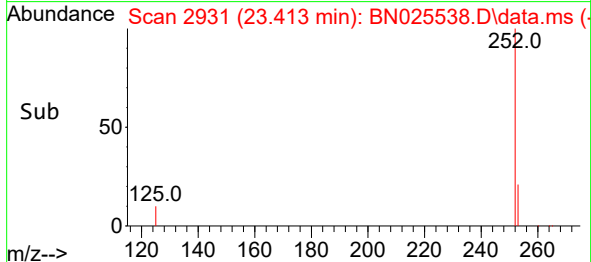
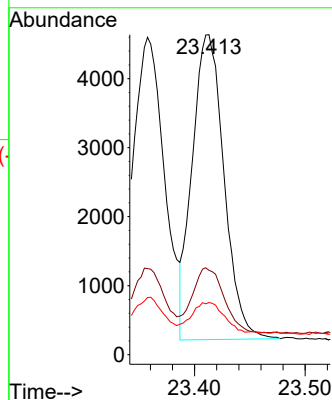
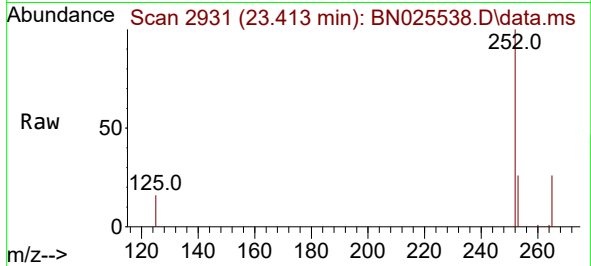




#37  
Benzo(b)fluoranthene  
Concen: 0.213 ng  
RT: 23.413 min Scan# 2912  
Delta R.T. 0.056 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

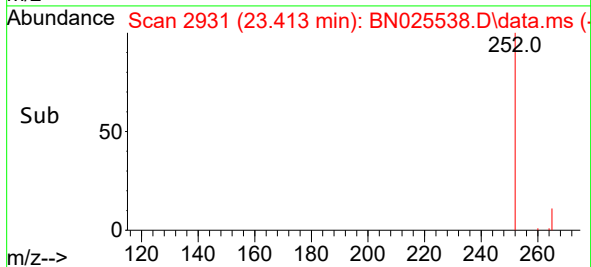
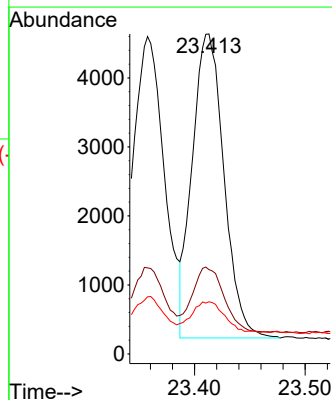
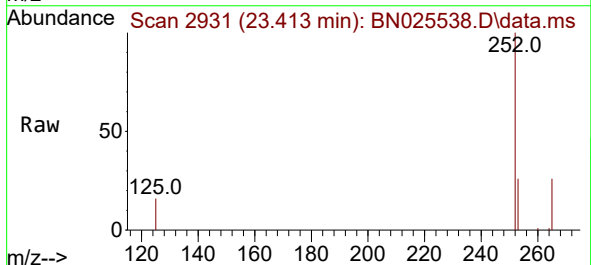
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

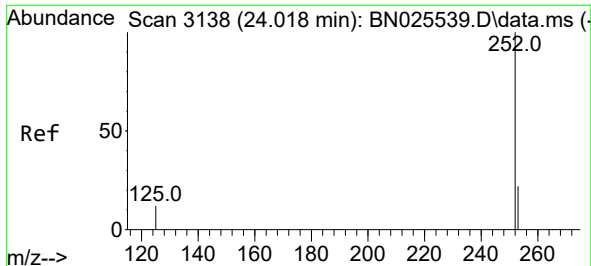
Tgt Ion:252 Resp: 8812  
Ion Ratio Lower Upper  
252 100  
253 26.3 19.7 29.5  
125 16.3 11.3 16.9



#38  
Benzo(k)fluoranthene  
Concen: 0.207 ng  
RT: 23.413 min Scan# 2931  
Delta R.T. 0.003 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Tgt Ion:252 Resp: 8760  
Ion Ratio Lower Upper  
252 100  
253 26.3 19.4 29.2  
125 16.3 10.9 16.3

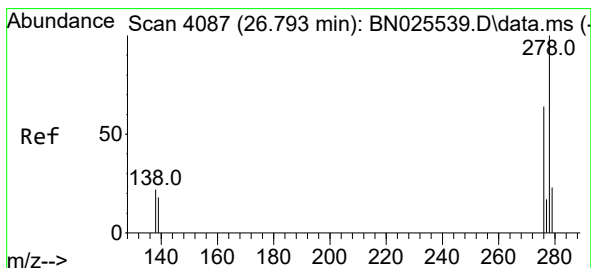
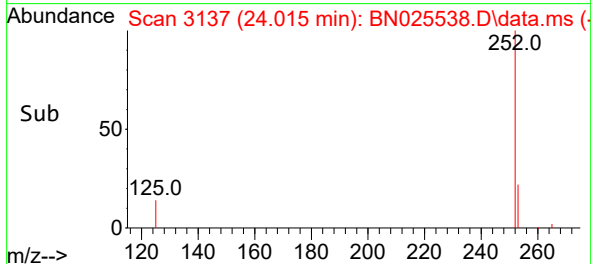
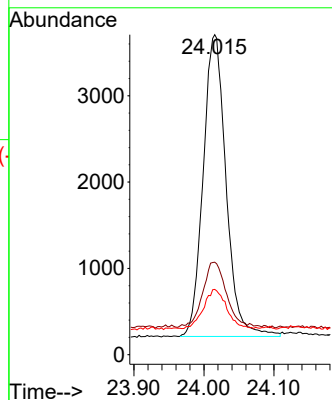
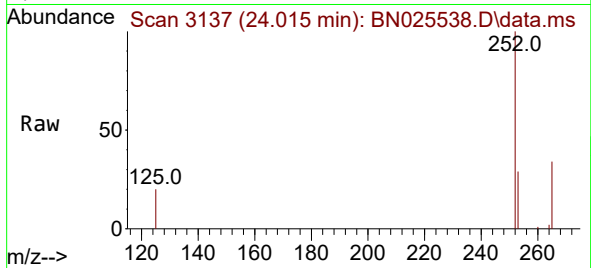




#39  
Benzo(a)pyrene  
Concen: 0.204 ng  
RT: 24.015 min Scan# 3138  
Delta R.T. -0.003 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

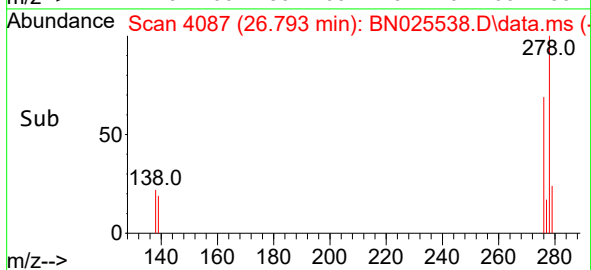
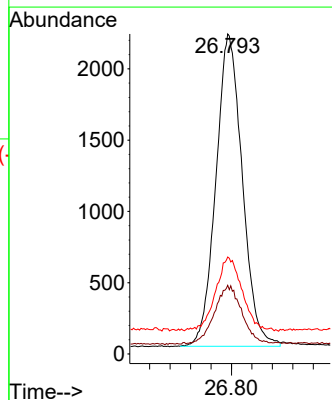
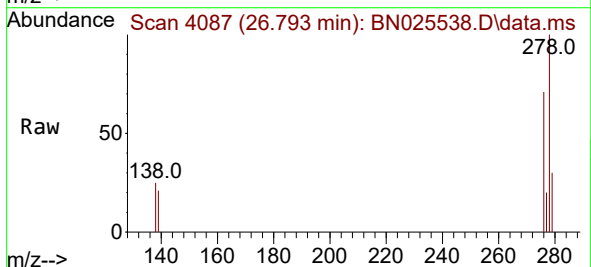
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

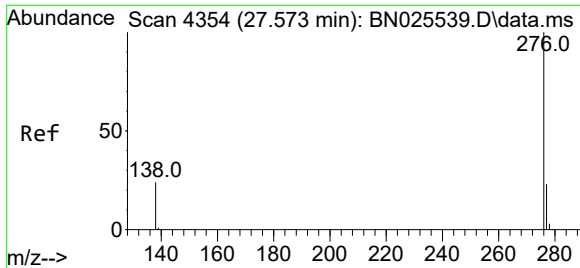
Tgt Ion:252 Resp: 7948  
Ion Ratio Lower Upper  
252 100  
253 28.9 20.3 30.5  
125 20.4 12.7 19.1#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.217 ng  
RT: 26.793 min Scan# 4087  
Delta R.T. 0.000 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

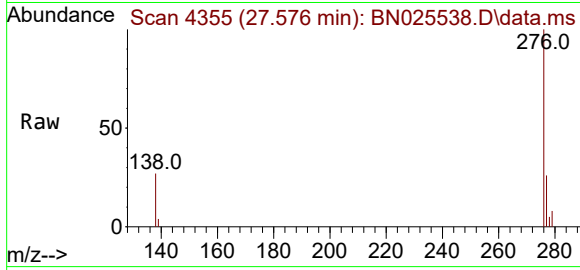
Tgt Ion:278 Resp: 7845  
Ion Ratio Lower Upper  
278 100  
139 21.5 15.8 23.6  
279 30.3 21.0 31.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.221 ng  
RT: 27.576 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BN025538.D  
Acq: 22 May 2023 14:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 8427  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.2  | 19.3  | 28.9  |
| 138      | 26.8  | 20.6  | 30.8  |

