

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
 Data File : BN035792.D  
 Acq On : 23 Dec 2024 19:51  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Dec 24 00:13:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

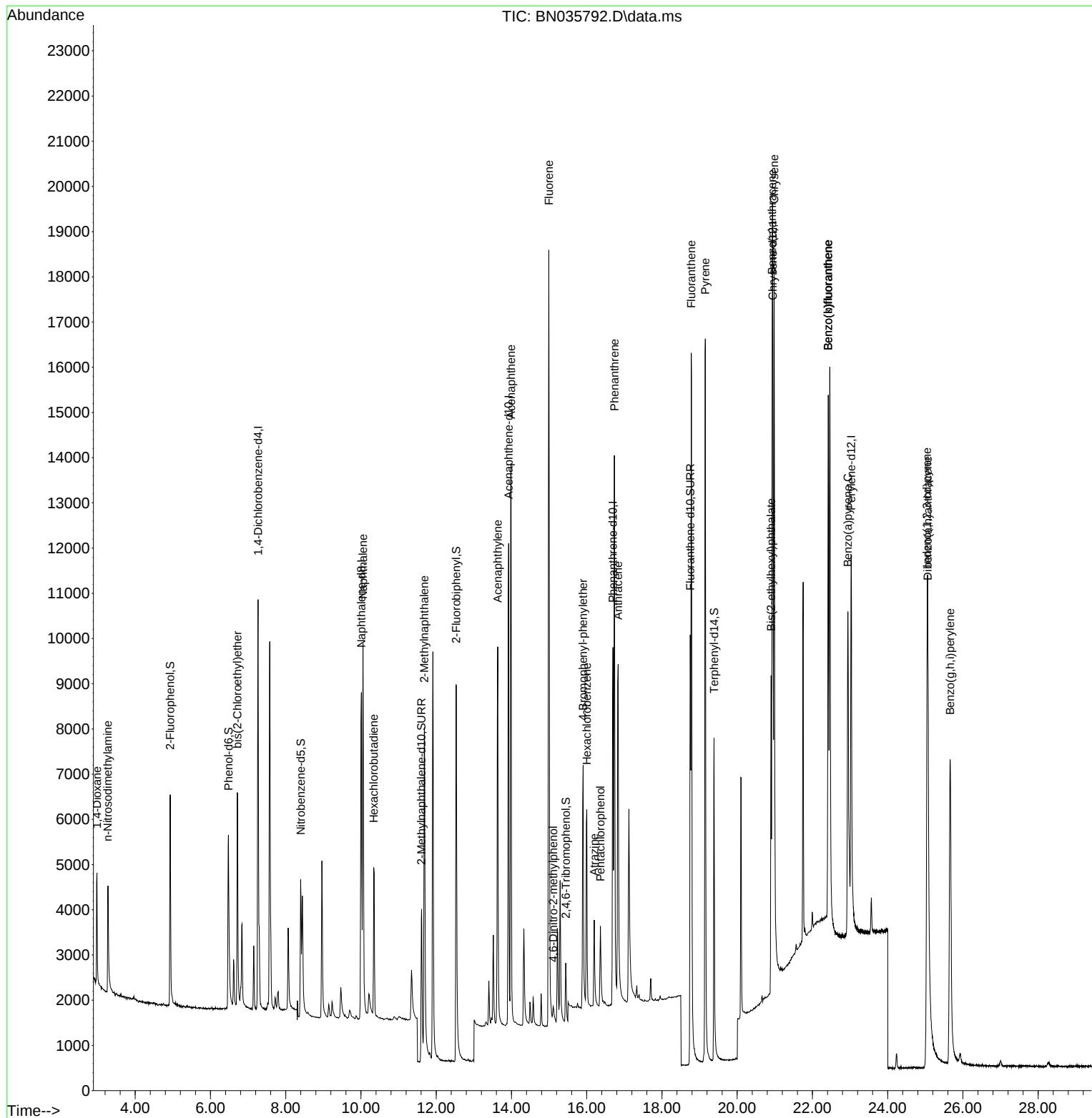
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.265  | 152  | 4653     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.009 | 136  | 11294    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 13.925 | 164  | 6622     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 13445    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.947 | 240  | 11173    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.029 | 264  | 12122    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.932  | 112  | 4438     | 0.381 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.477  | 99   | 4937     | 0.352 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.397  | 82   | 3594     | 0.521 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.611 | 152  | 6296     | 0.356 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.443 | 330  | 1460     | 0.311 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.534 | 172  | 10050    | 0.401 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.752 | 212  | 13067    | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.384 | 244  | 9007     | 0.409 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 1781     | 0.400 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.271  | 42   | 1450     | 0.391 | ng    | # 87     |
| 6) bis(2-Chloroethyl)ether    | 6.716  | 93   | 4124     | 0.350 | ng    | 100      |
| 9) Naphthalene                | 10.052 | 128  | 11411    | 0.383 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.340 | 225  | 2978     | 0.433 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.687 | 142  | 7291     | 0.342 | ng    | 100      |
| 16) Acenaphthylene            | 13.636 | 152  | 10309    | 0.371 | ng    | 99       |
| 17) Acenaphthene              | 13.989 | 154  | 7045     | 0.382 | ng    | 99       |
| 18) Fluorene                  | 14.994 | 166  | 9147     | 0.346 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.111 | 198  | 441      | 0.334 | ng    | # 71     |
| 21) 4-Bromophenyl-phenylether | 15.904 | 248  | 2928     | 0.372 | ng    | # 95     |
| 22) Hexachlorobenzene         | 16.003 | 284  | 4080     | 0.442 | ng    | 97       |
| 23) Atrazine                  | 16.202 | 200  | 2050     | 0.366 | ng    | 94       |
| 24) Pentachlorophenol         | 16.363 | 266  | 1288     | 0.321 | ng    | 89       |
| 25) Phenanthrene              | 16.736 | 178  | 13655    | 0.370 | ng    | 100      |
| 26) Anthracene                | 16.835 | 178  | 11693    | 0.350 | ng    | 99       |
| 28) Fluoranthene              | 18.780 | 202  | 16797    | 0.337 | ng    | 100      |
| 30) Pyrene                    | 19.152 | 202  | 17165    | 0.416 | ng    | 100      |
| 32) Benzo(a)anthracene        | 20.929 | 228  | 13119    | 0.336 | ng    | 100      |
| 33) Chrysene                  | 20.983 | 228  | 16717    | 0.415 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 20.902 | 149  | 6294     | 0.408 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.050 | 276  | 17740    | 0.374 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.418 | 252  | 23904    | 0.539 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.418 | 252  | 23904    | 0.548 | ng    | 99       |
| 39) Benzo(a)pyrene            | 22.942 | 252  | 13375    | 0.366 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 25.067 | 278  | 13081    | 0.350 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 25.661 | 276  | 15725    | 0.402 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
Data File : BN035792.D  
Acq On : 23 Dec 2024 19:51  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 74 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

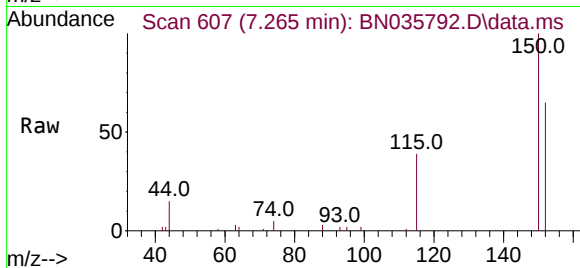
Quant Time: Dec 24 00:13:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
Response via : Initial Calibration



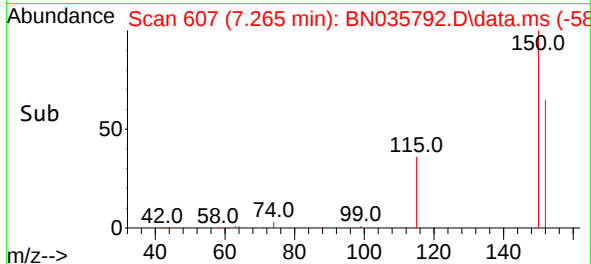
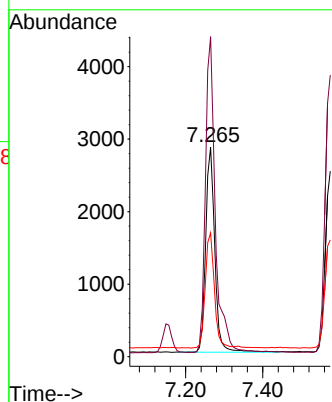


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.265 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

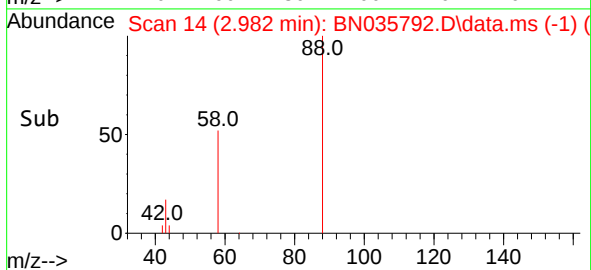
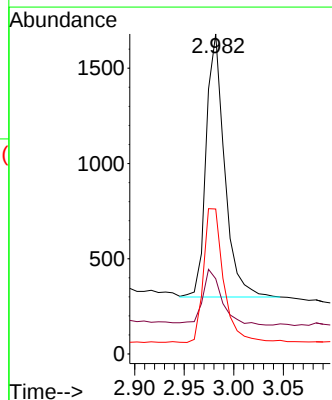
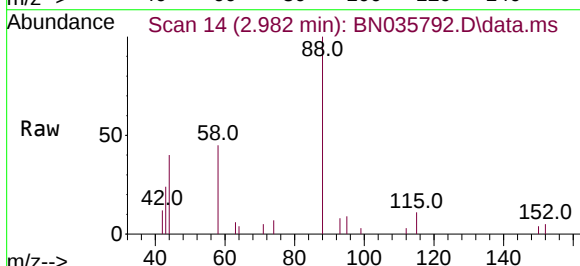


Tgt Ion:152 Resp: 4653  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 124.0 186.0  
 115 59.2 49.6 74.4



#2  
 1,4-Dioxane  
 Concen: 0.400 ng  
 RT: 2.982 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

Tgt Ion: 88 Resp: 1781  
 Ion Ratio Lower Upper  
 88 100  
 43 22.0 17.2 25.8  
 58 55.8 44.5 66.7

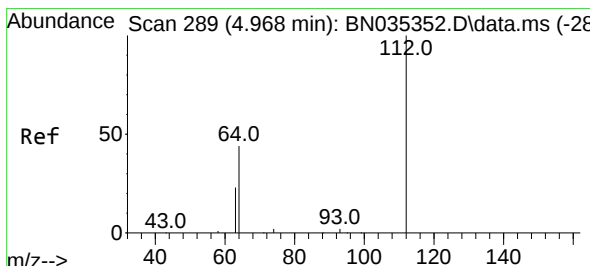
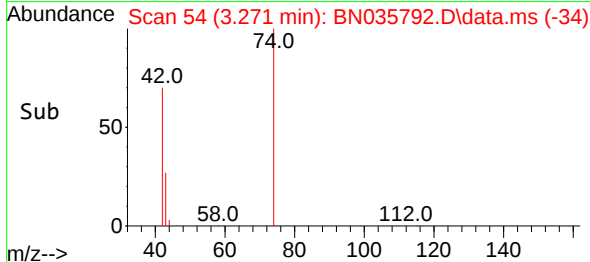
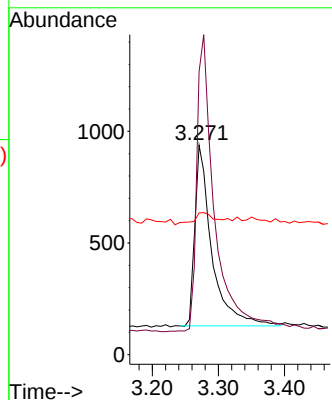
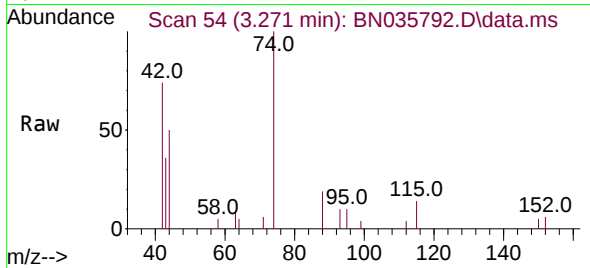




#3  
n-Nitrosodimethylamine  
Concen: 0.391 ng  
RT: 3.271 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

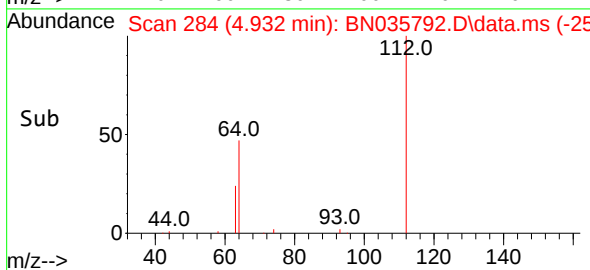
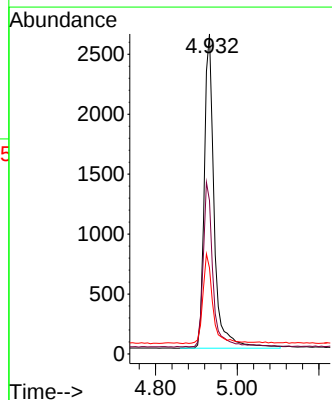
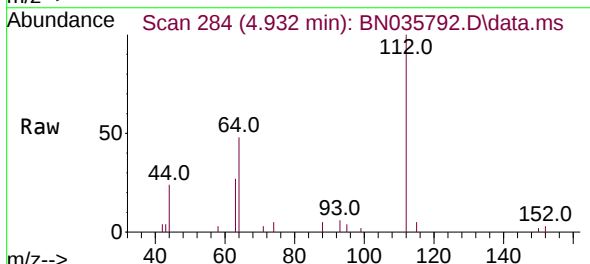
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1450  
Ion Ratio Lower Upper  
42 100  
74 173.0 124.9 187.3  
44 5.2 2.2 3.4#



#4  
2-Fluorophenol  
Concen: 0.381 ng  
RT: 4.932 min Scan# 284  
Delta R.T. -0.007 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion: 112 Resp: 4438  
Ion Ratio Lower Upper  
112 100  
64 51.3 39.8 59.8  
63 28.3 21.0 31.6

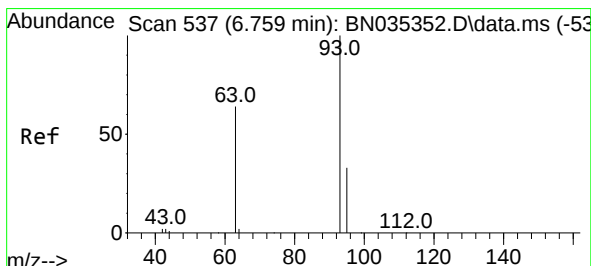
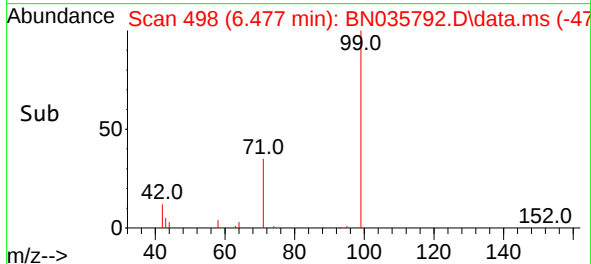
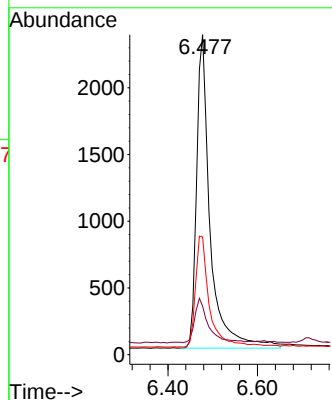
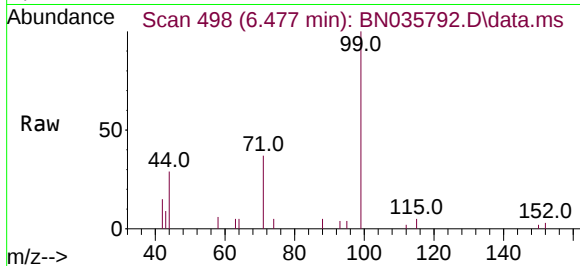




#5  
Phenol-d6  
Concen: 0.352 ng  
RT: 6.477 min Scan# 498  
Delta R.T. -0.014 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

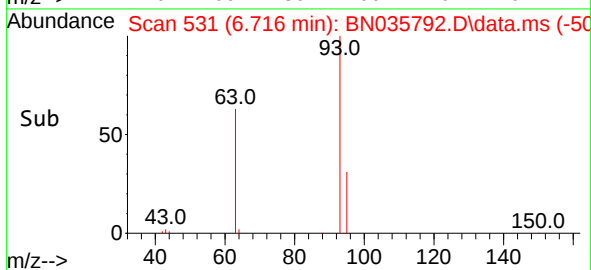
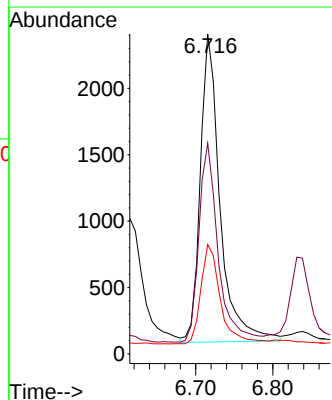
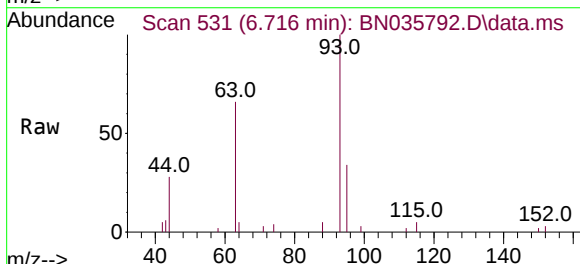
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4937  
Ion Ratio Lower Upper  
99 100  
42 14.3 11.4 17.2  
71 36.4 29.3 43.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.350 ng  
RT: 6.716 min Scan# 531  
Delta R.T. -0.014 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion: 93 Resp: 4124  
Ion Ratio Lower Upper  
93 100  
63 63.0 50.4 75.6  
95 32.1 25.7 38.5

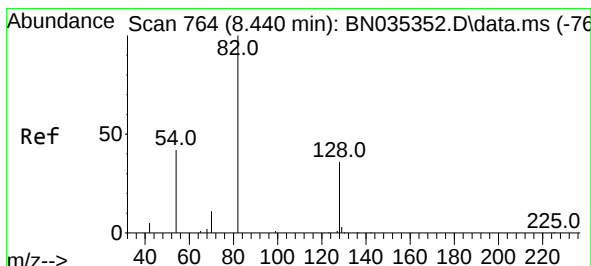
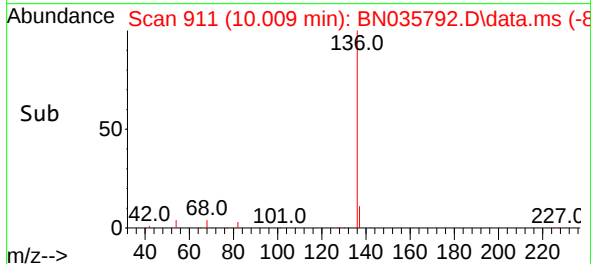
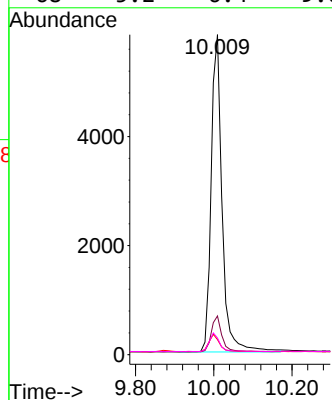
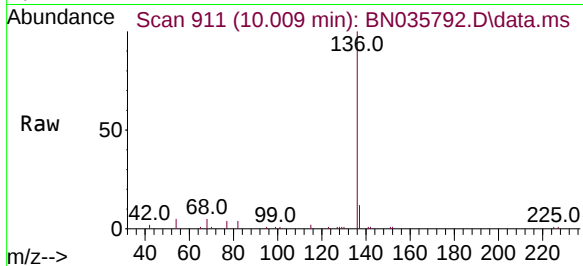




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.009 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

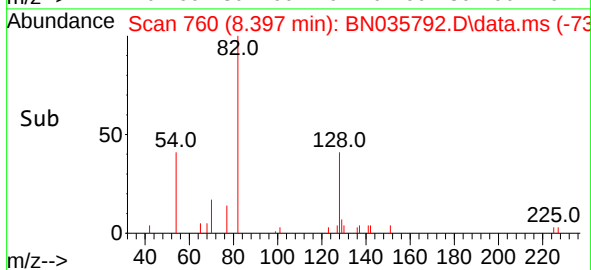
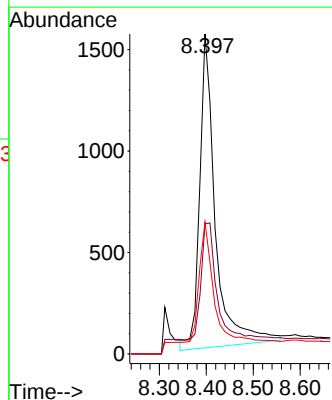
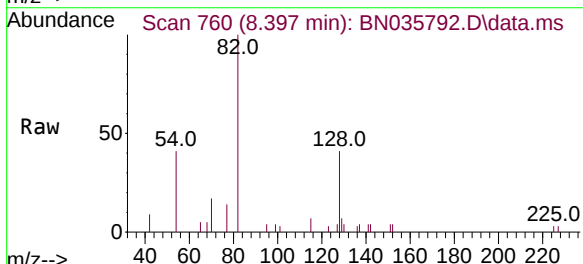
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11294 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.1  | 10.2  | 15.2  |
| 54       | 4.7   | 6.1   | 9.1#  |
| 68       | 5.2   | 6.4   | 9.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.521 ng  
RT: 8.397 min Scan# 760  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3594  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.6  | 33.4  | 50.0  |
| 54       | 41.3  | 36.7  | 55.1  |





#9

Naphthalene

Concen: 0.383 ng

RT: 10.052 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035792.D

Acq: 23 Dec 2024 19:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

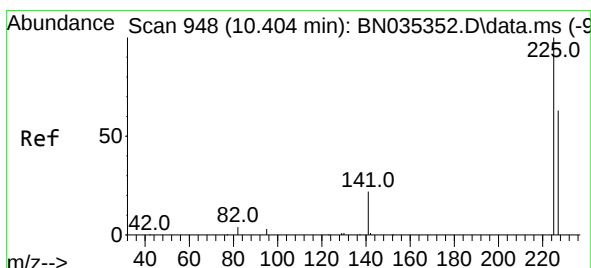
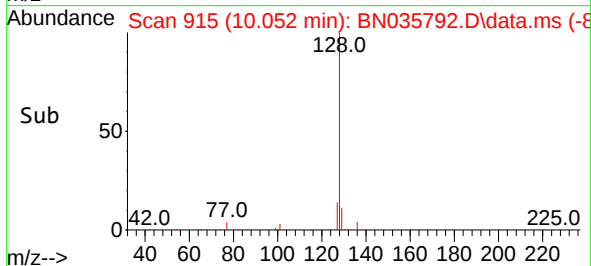
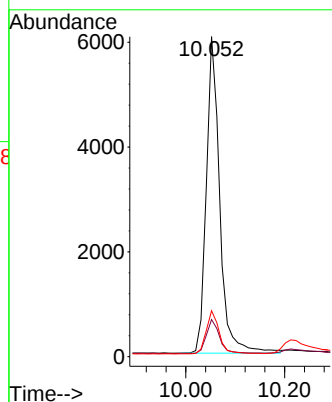
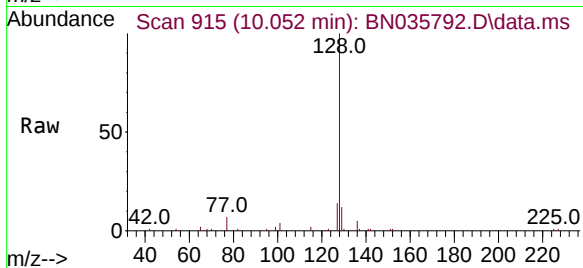
Tgt Ion:128 Resp: 11411

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.6

127 14.3 11.4 17.2



#10

Hexachlorobutadiene

Concen: 0.433 ng

RT: 10.340 min Scan# 942

Delta R.T. -0.021 min

Lab File: BN035792.D

Acq: 23 Dec 2024 19:51

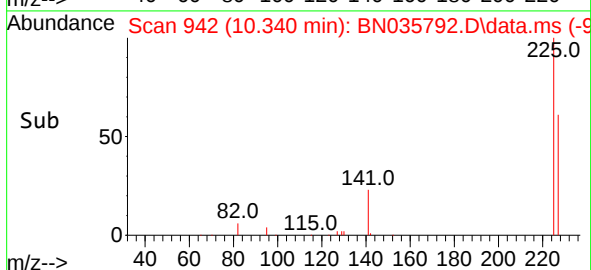
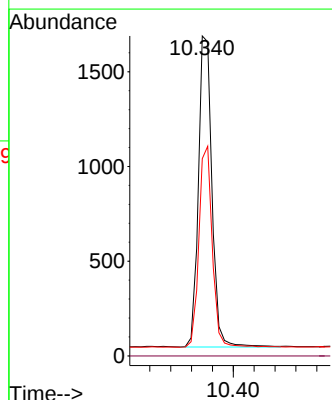
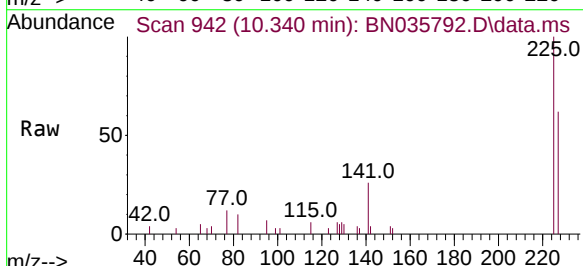
Tgt Ion:225 Resp: 2978

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.3 76.9

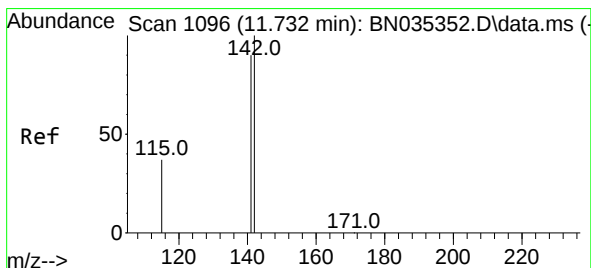
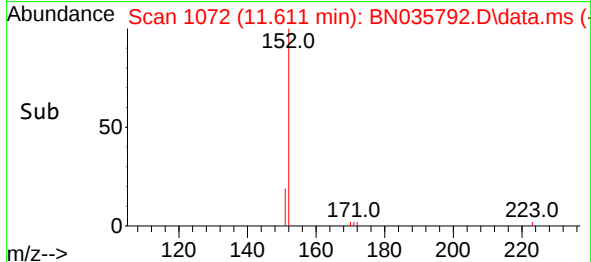
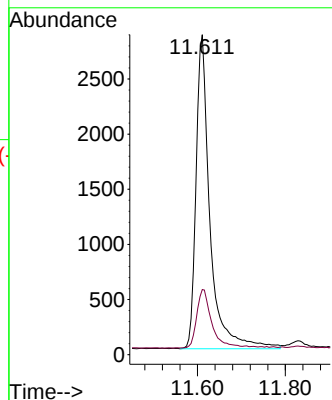
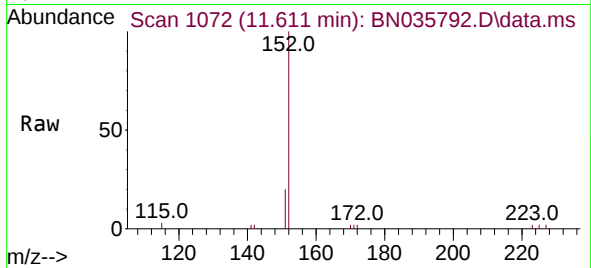




#11  
2-Methylnaphthalene-d10  
Concen: 0.356 ng  
RT: 11.611 min Scan# 1072  
Delta R.T. -0.010 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

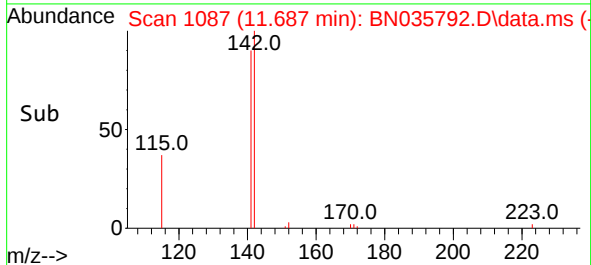
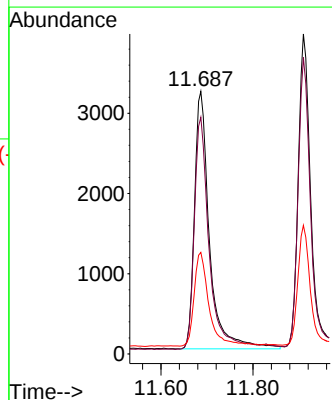
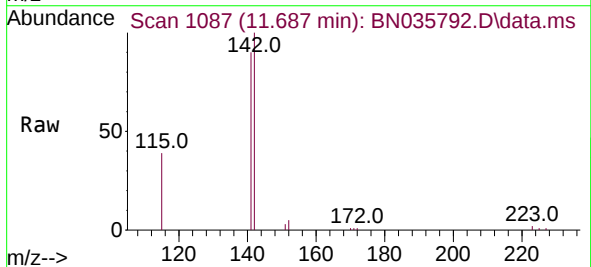
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

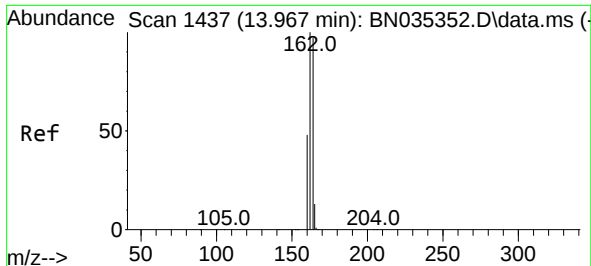
Tgt Ion:152 Resp: 6296  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.342 ng  
RT: 11.687 min Scan# 1087  
Delta R.T. -0.010 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:142 Resp: 7291  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.2 108.4  
115 38.7 31.4 47.0

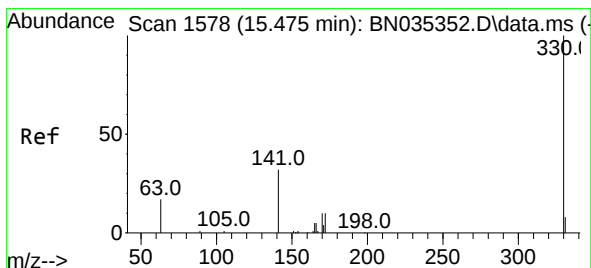
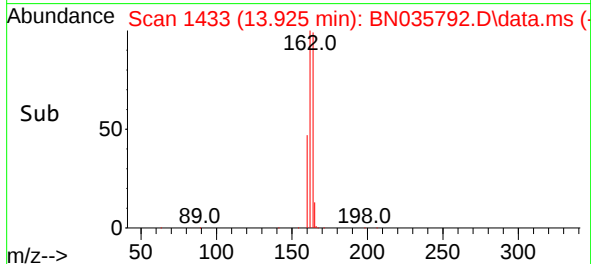
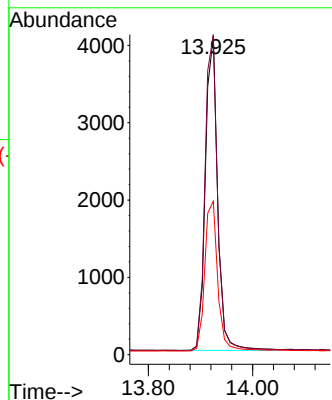
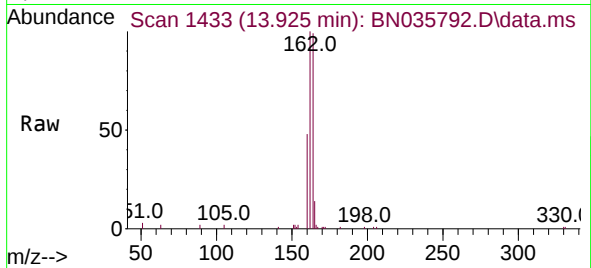




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.925 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

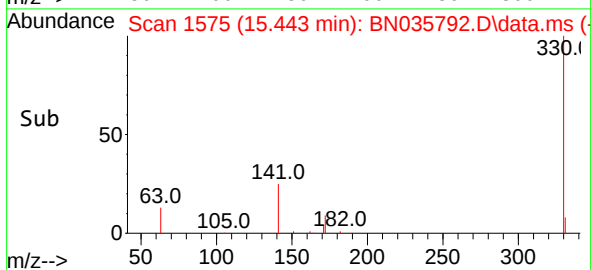
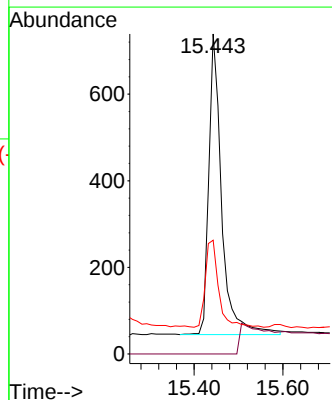
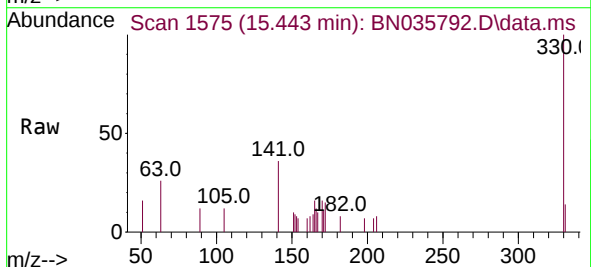
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6622  
Ion Ratio Lower Upper  
164 100  
162 100.6 82.2 123.2  
160 48.2 40.1 60.1



#14  
2,4,6-Tribromophenol  
Concen: 0.311 ng  
RT: 15.443 min Scan# 1575  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:330 Resp: 1460  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.7 26.6 40.0

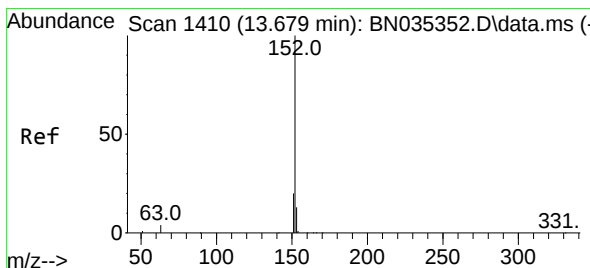
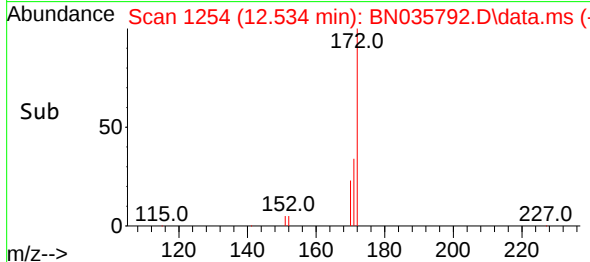
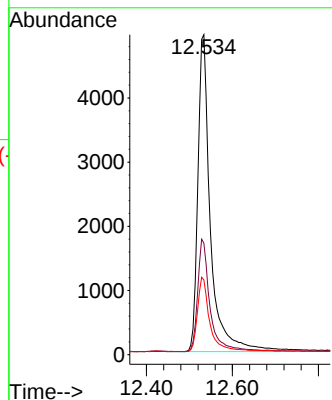
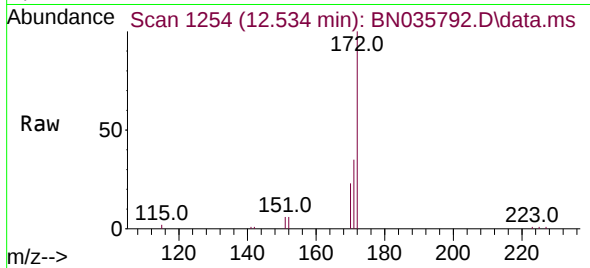




#15  
2-Fluorobiphenyl  
Concen: 0.401 ng  
RT: 12.534 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

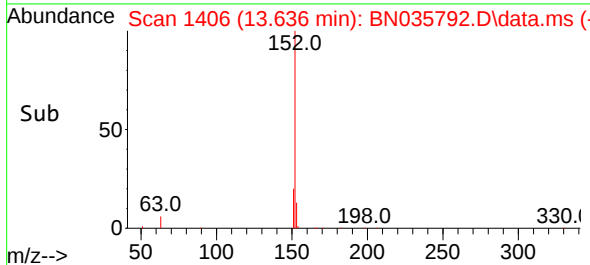
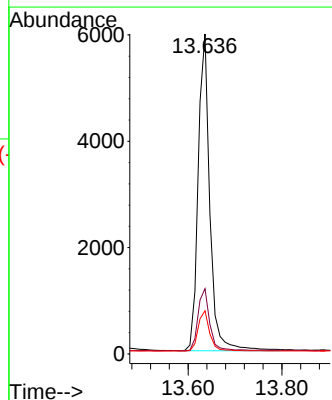
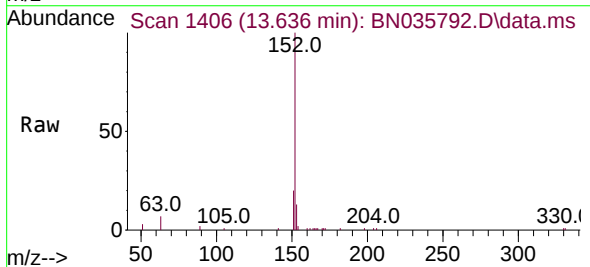
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10050  
Ion Ratio Lower Upper  
172 100  
171 34.8 29.0 43.4  
170 23.3 19.8 29.8



#16  
Acenaphthylene  
Concen: 0.371 ng  
RT: 13.636 min Scan# 1406  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:152 Resp: 10309  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.2 24.2  
153 12.9 10.4 15.6

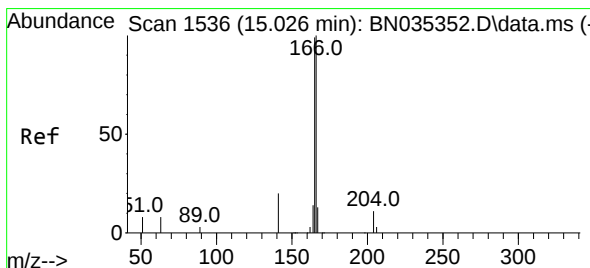
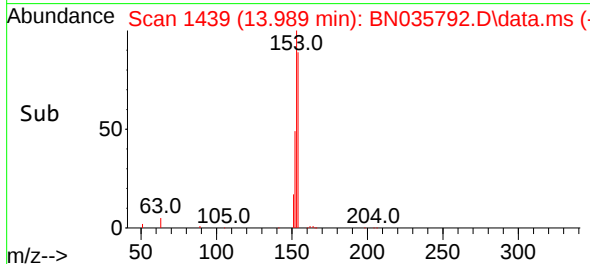
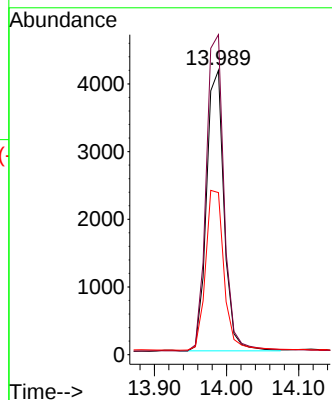
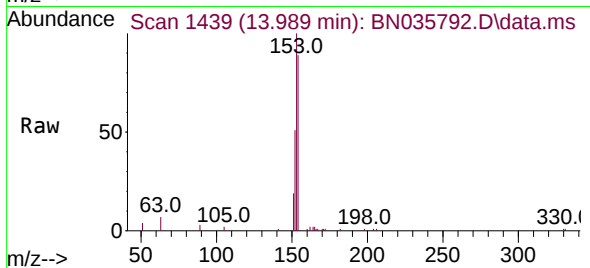




#17  
Acenaphthene  
Concen: 0.382 ng  
RT: 13.989 min Scan# 1443  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

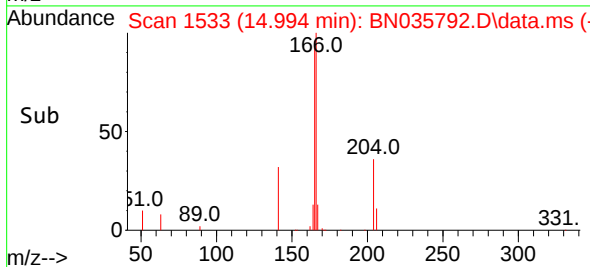
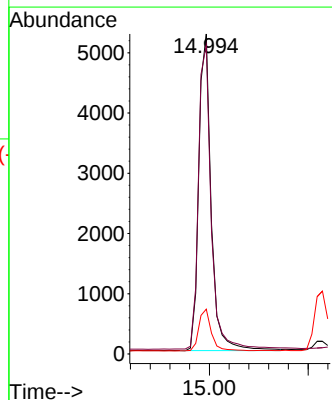
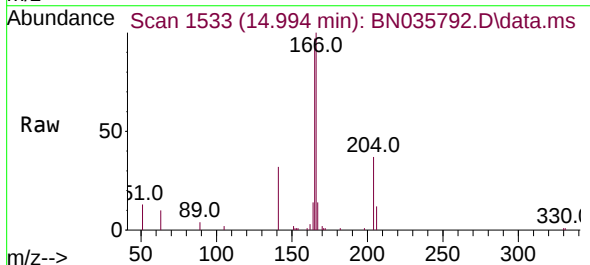
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

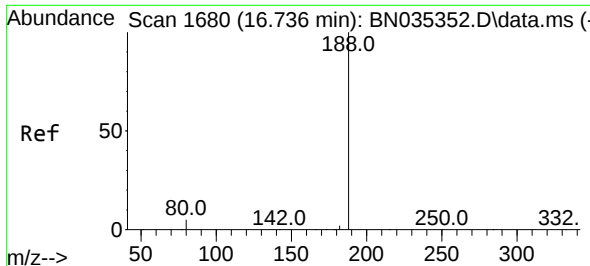
Tgt Ion:154 Resp: 7045  
Ion Ratio Lower Upper  
154 100  
153 115.6 92.6 139.0  
152 60.1 49.0 73.6



#18  
Fluorene  
Concen: 0.346 ng  
RT: 14.994 min Scan# 1533  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:166 Resp: 9147  
Ion Ratio Lower Upper  
166 100  
165 99.0 79.7 119.5  
167 13.4 10.8 16.2

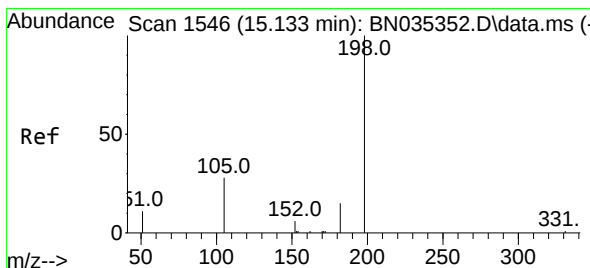
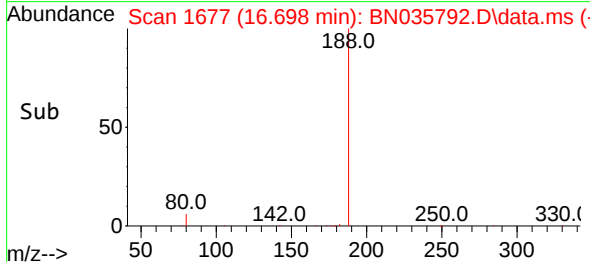
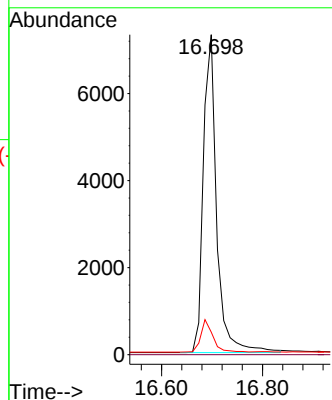
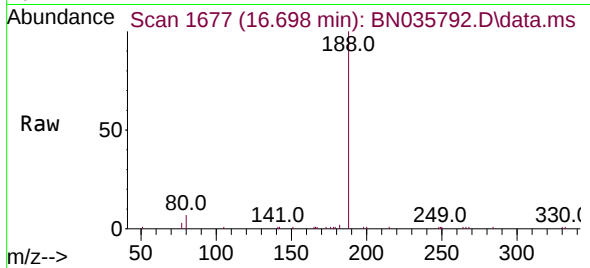




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.698 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

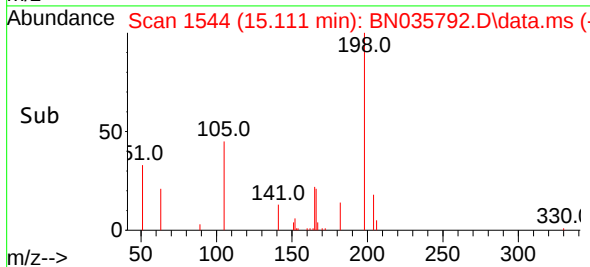
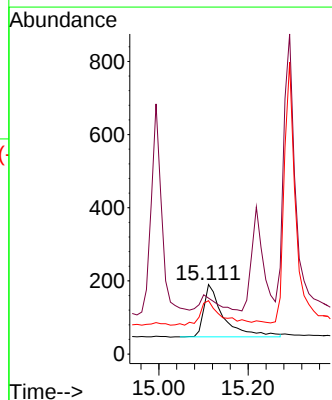
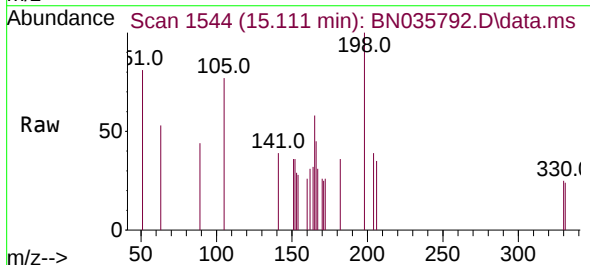
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:188 Resp: 13445  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.1 4.6 6.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.334 ng  
RT: 15.111 min Scan# 1544  
Delta R.T. -0.011 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:198 Resp: 441  
Ion Ratio Lower Upper  
198 100  
51 80.5 46.5 69.7#  
105 76.8 45.3 67.9#

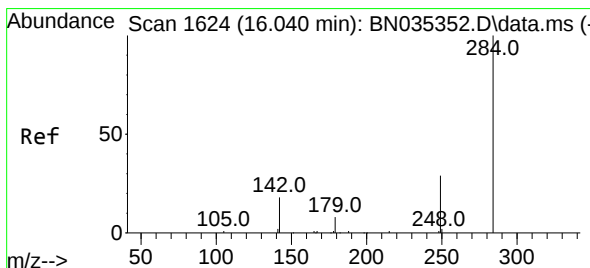
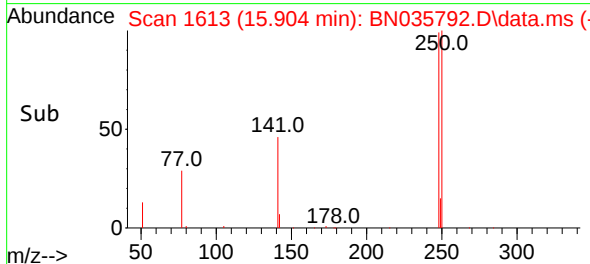
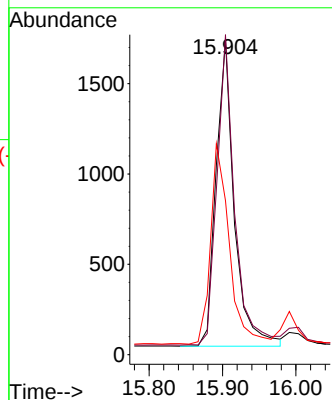
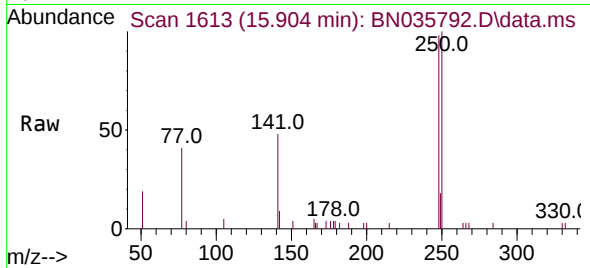




#21  
4-Bromophenyl-phenylether  
Concen: 0.372 ng  
RT: 15.904 min Scan# 1613  
Delta R.T. -0.012 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

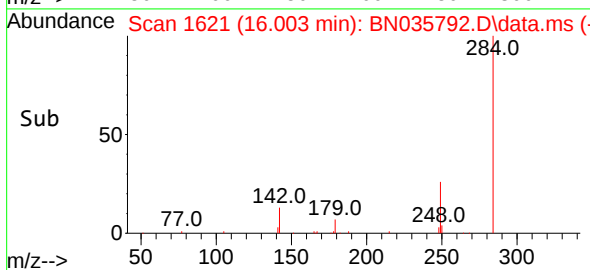
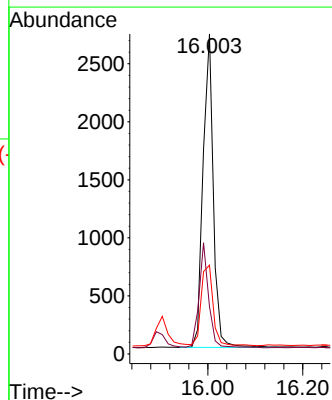
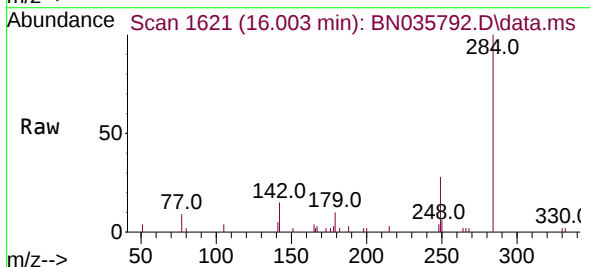
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:248 Resp: 2928  
Ion Ratio Lower Upper  
248 100  
250 101.5 80.6 120.8  
141 48.9 31.5 47.3#



#22  
Hexachlorobenzene  
Concen: 0.442 ng  
RT: 16.003 min Scan# 1621  
Delta R.T. -0.012 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:284 Resp: 4080  
Ion Ratio Lower Upper  
284 100  
142 31.0 26.7 40.1  
249 30.0 24.6 36.8

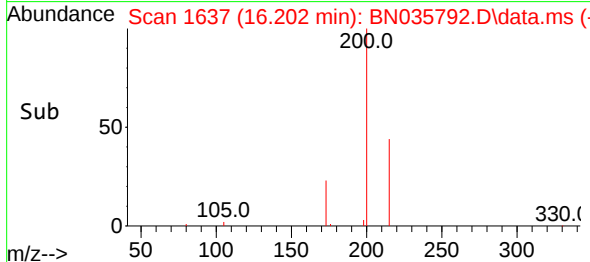
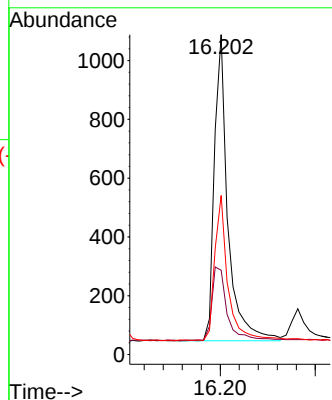
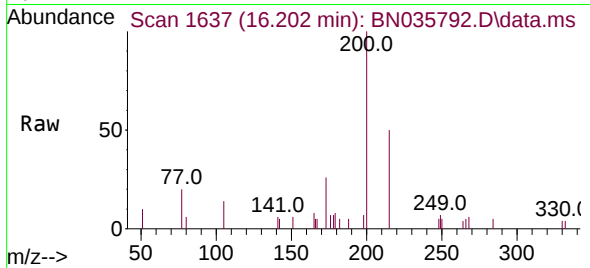




#23  
 Atrazine  
 Concen: 0.366 ng  
 RT: 16.202 min Scan# 1637  
 Delta R.T. 0.000 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

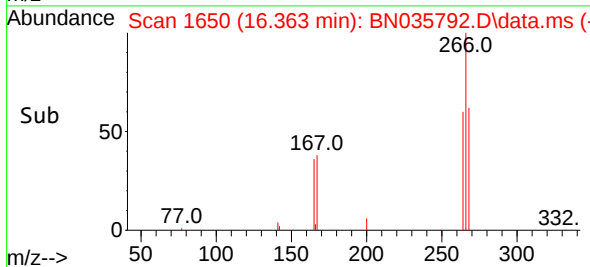
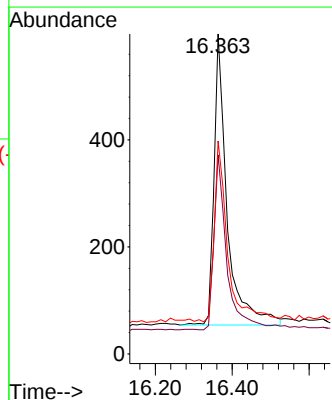
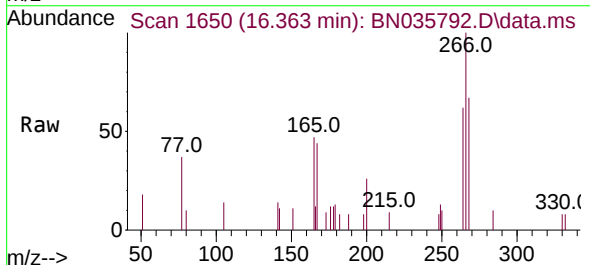
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

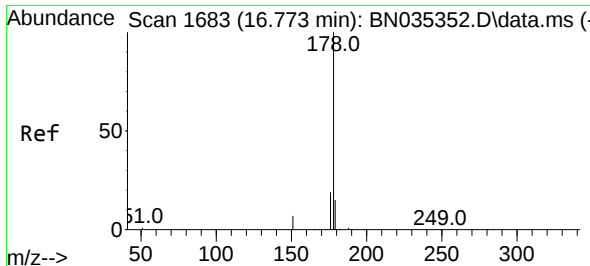
Tgt Ion:200 Resp: 2050  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 24.1 36.1  
 215 49.7 36.9 55.3



#24  
 Pentachlorophenol  
 Concen: 0.321 ng  
 RT: 16.363 min Scan# 1650  
 Delta R.T. -0.012 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

Tgt Ion:266 Resp: 1288  
 Ion Ratio Lower Upper  
 266 100  
 264 59.5 42.3 63.5  
 268 62.8 43.3 64.9

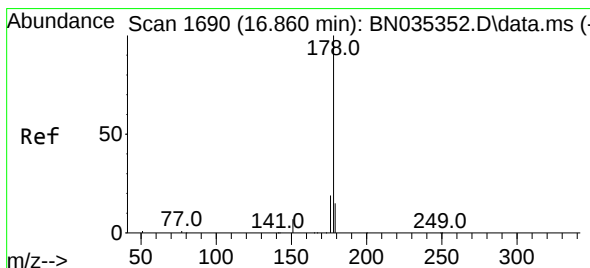
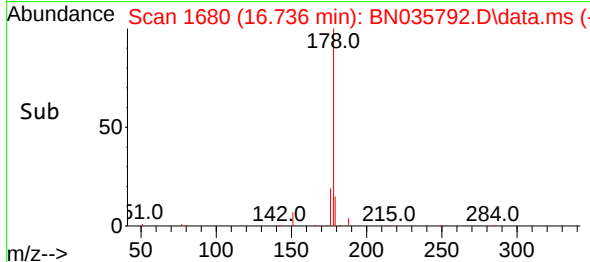
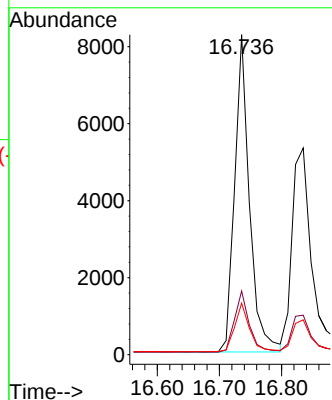
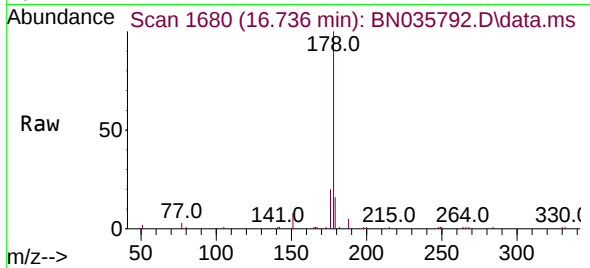




#25  
Phenanthrene  
Concen: 0.370 ng  
RT: 16.736 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

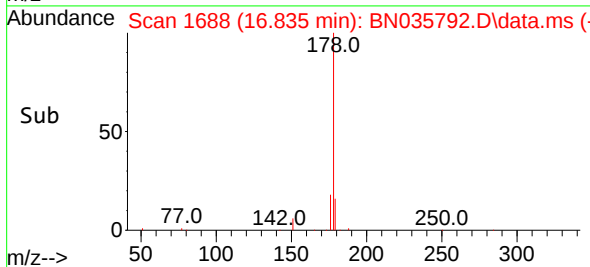
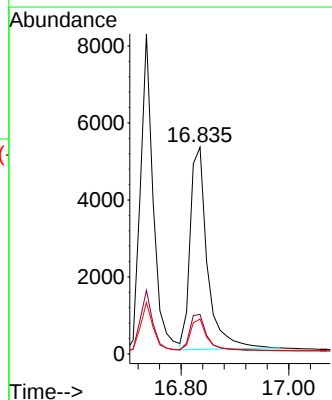
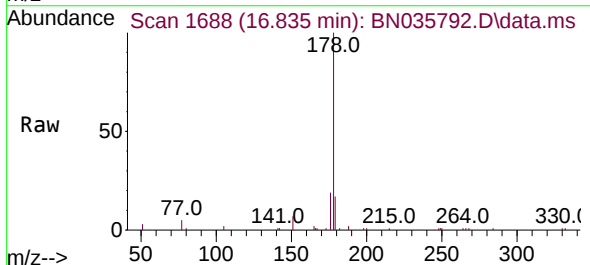
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

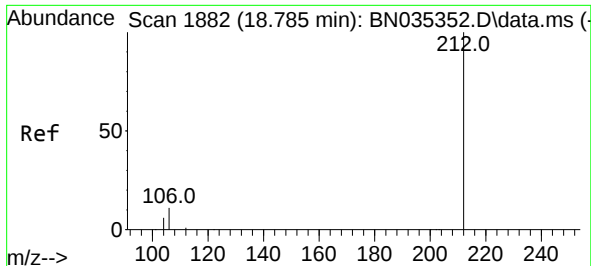
Tgt Ion:178 Resp: 13655  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.5 12.3 18.5



#26  
Anthracene  
Concen: 0.350 ng  
RT: 16.835 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:178 Resp: 11693  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.4 12.6 18.8

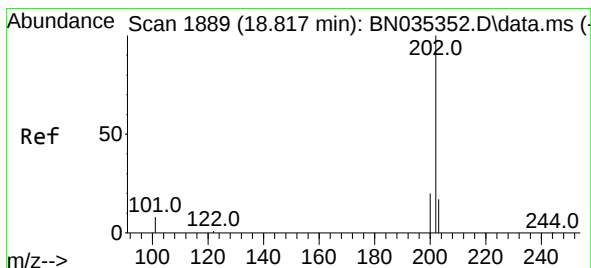
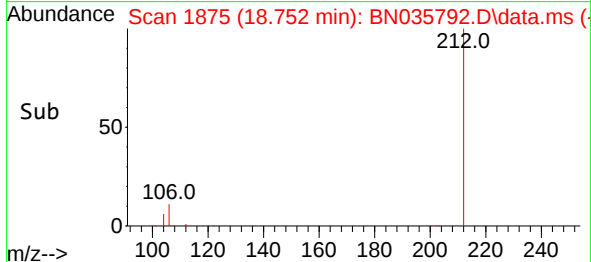
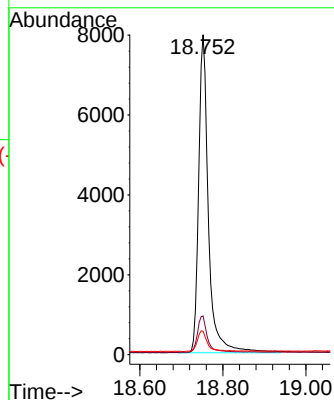
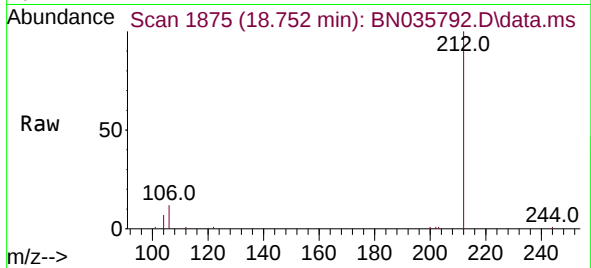




#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 18.752 min Scan# 1881  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

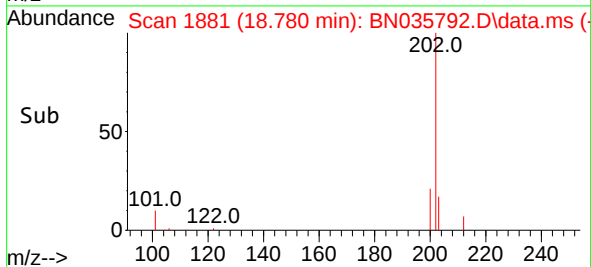
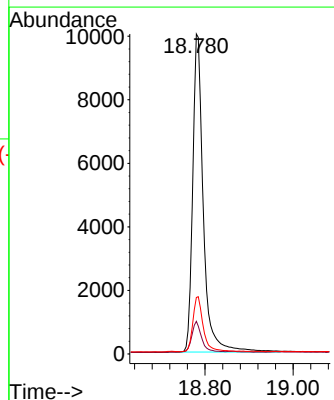
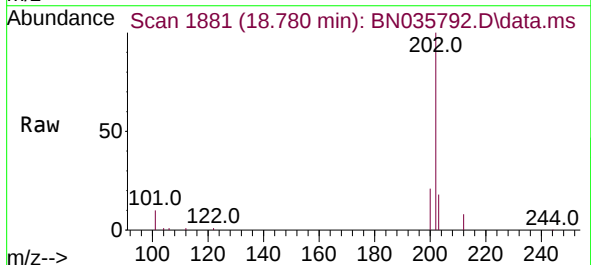
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

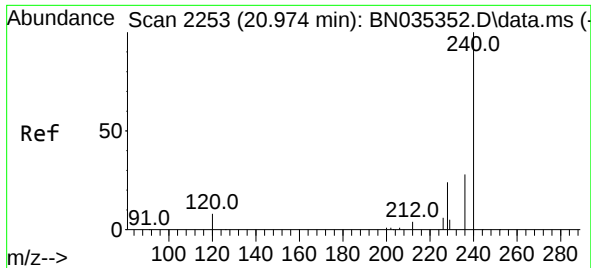
Tgt Ion:212 Resp: 13067  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.2 13.8  
104 6.6 5.3 7.9



#28  
Fluoranthene  
Concen: 0.337 ng  
RT: 18.780 min Scan# 1881  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:202 Resp: 16797  
Ion Ratio Lower Upper  
202 100  
101 9.1 7.4 11.0  
203 16.9 13.7 20.5

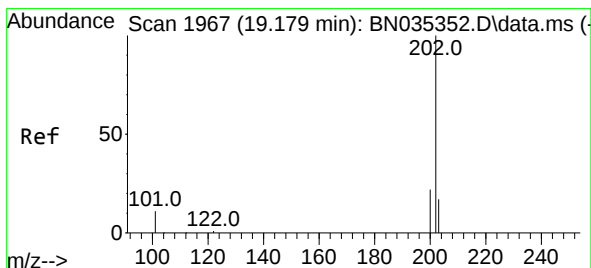
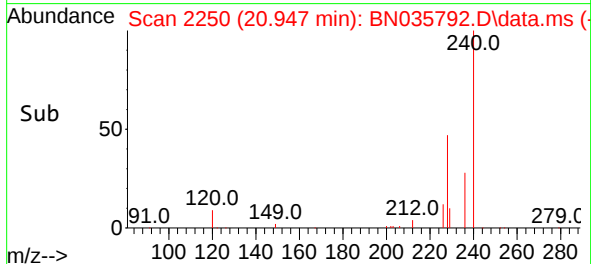
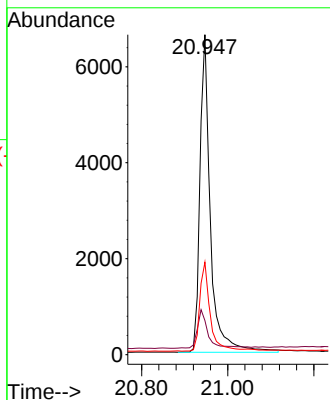
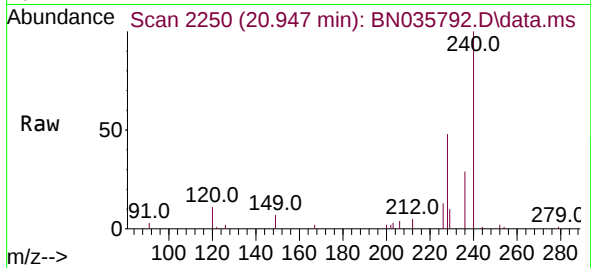




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.947 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

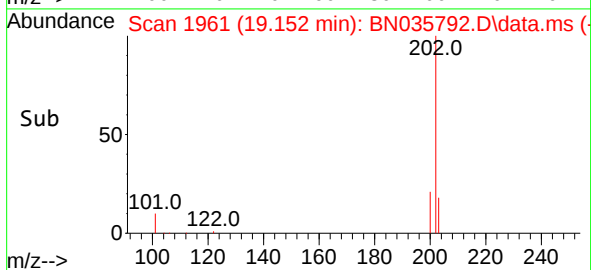
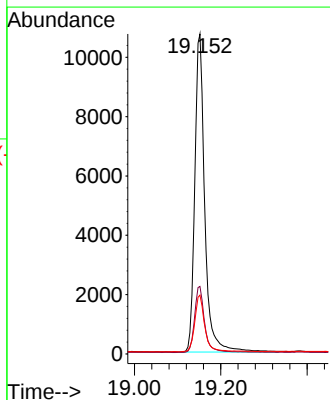
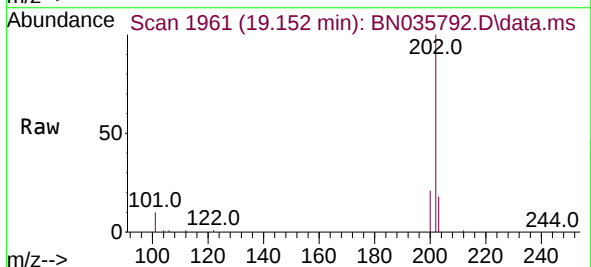
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:240 Resp: 11173  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.9 11.9  
236 28.9 22.9 34.3



#30  
Pyrene  
Concen: 0.416 ng  
RT: 19.152 min Scan# 1961  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:202 Resp: 17165  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 17.8 14.3 21.5

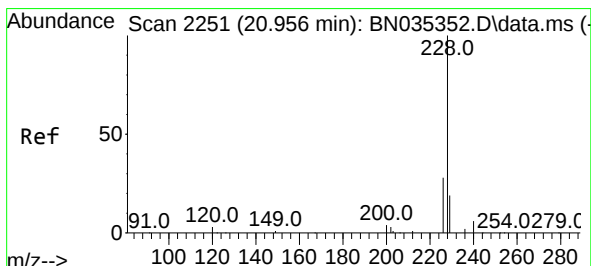
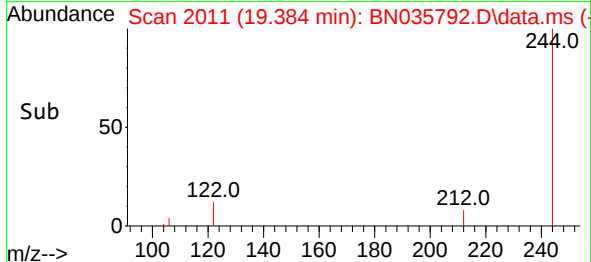
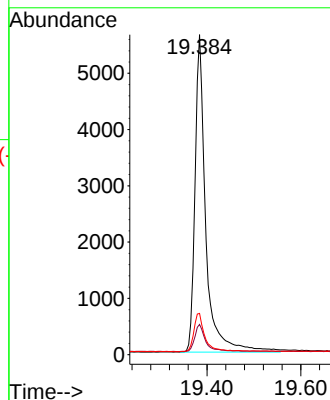
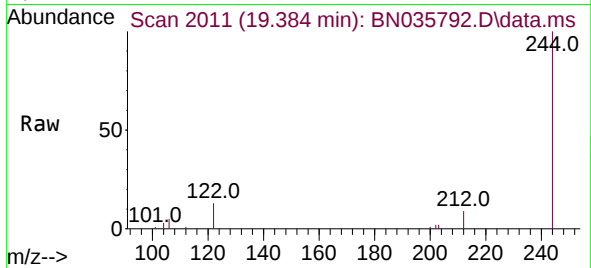




#31  
 Terphenyl-d14  
 Concen: 0.409 ng  
 RT: 19.384 min Scan# 2011  
 Delta R.T. -0.005 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

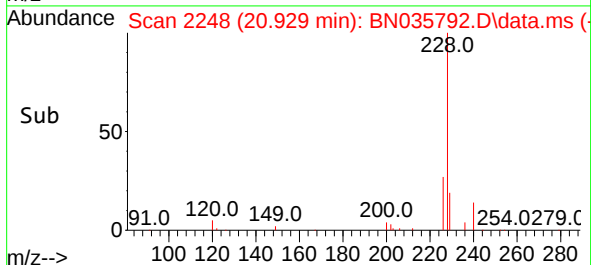
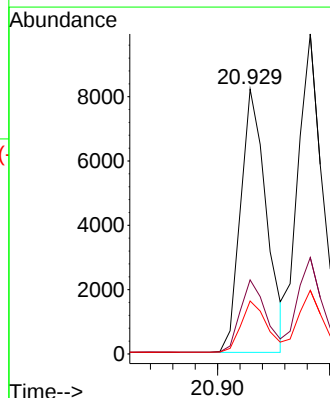
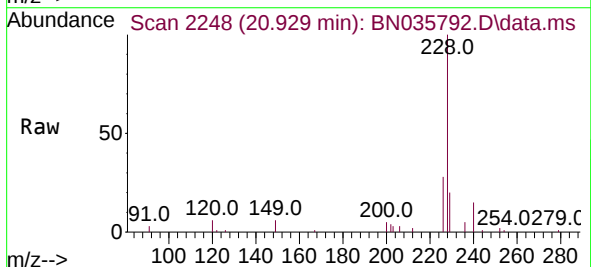
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion:244 Resp: 9007  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 8.1 12.1  
 122 12.9 10.3 15.5



#32  
 Benzo(a)anthracene  
 Concen: 0.336 ng  
 RT: 20.929 min Scan# 2248  
 Delta R.T. -0.009 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

Tgt Ion:228 Resp: 13119  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 22.5 33.7  
 229 20.0 15.8 23.8

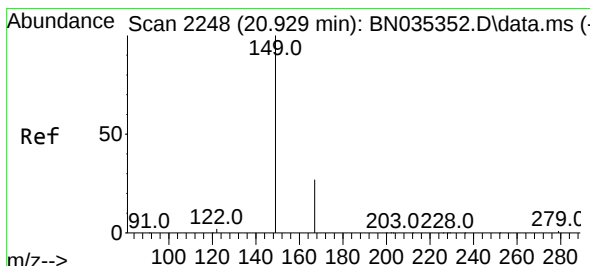
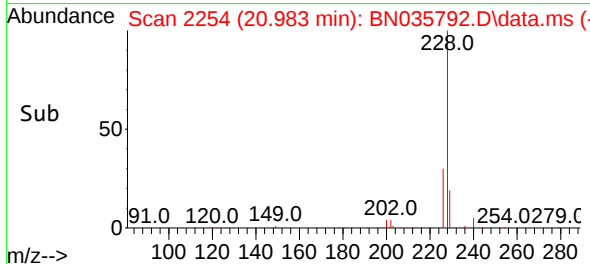
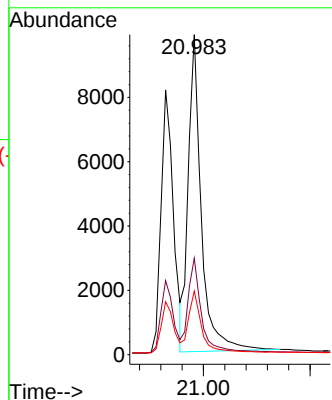
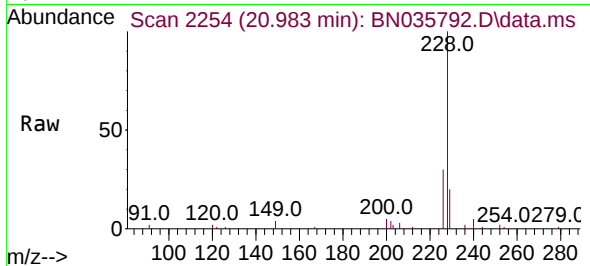




#33  
Chrysene  
Concen: 0.415 ng  
RT: 20.983 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

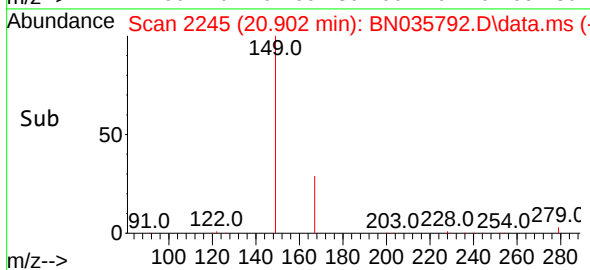
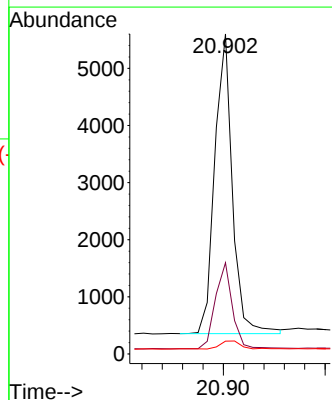
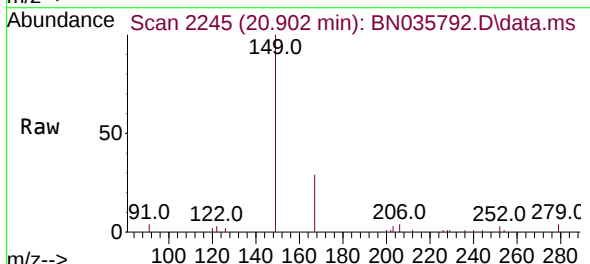
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16717  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.6 37.0  
229 19.9 15.9 23.9



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.408 ng  
RT: 20.902 min Scan# 2245  
Delta R.T. -0.009 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

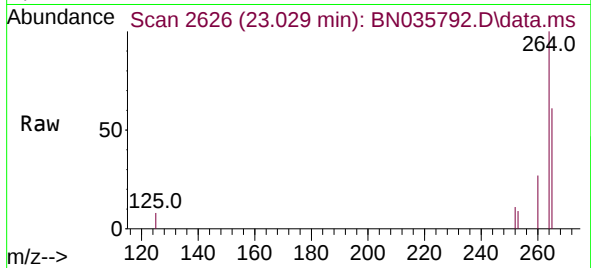
Tgt Ion:149 Resp: 6294  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.2 33.4  
279 3.3 2.7 4.1



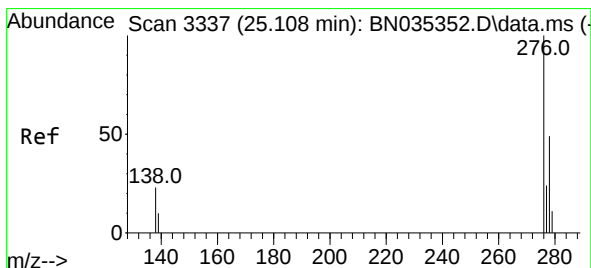
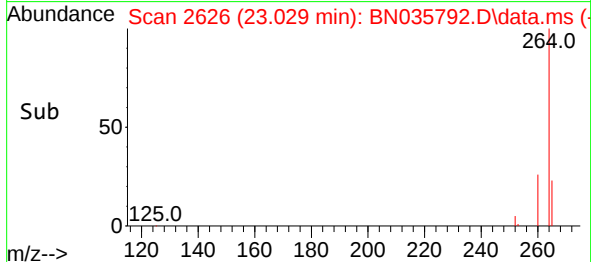
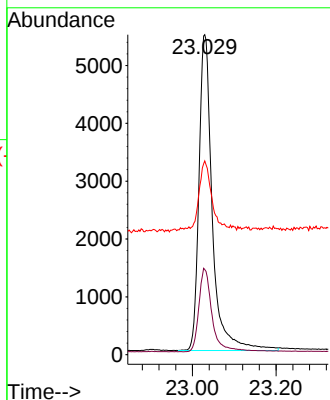


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.029 min Scan# 2626  
Delta R.T. -0.012 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

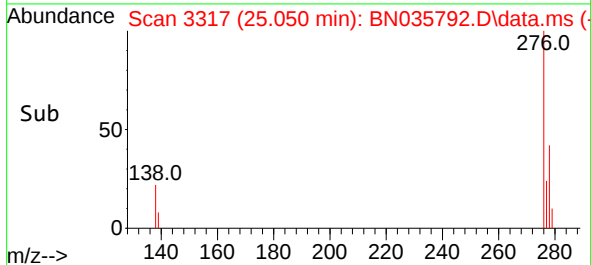
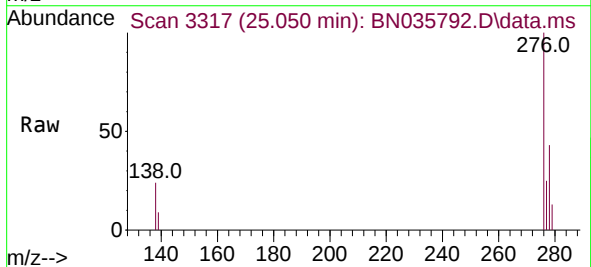
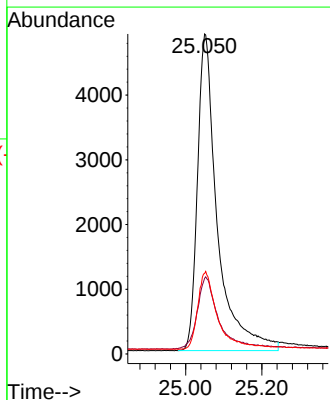


Tgt Ion:264 Resp: 12122  
Ion Ratio Lower Upper  
264 100  
260 26.6 21.4 32.2  
265 60.5 40.2 60.4#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.374 ng  
RT: 25.050 min Scan# 3317  
Delta R.T. -0.018 min  
Lab File: BN035792.D  
Acq: 23 Dec 2024 19:51

Tgt Ion:276 Resp: 17740  
Ion Ratio Lower Upper  
276 100  
138 23.9 19.4 29.0  
277 24.2 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.539 ng

RT: 22.418 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BN035792.D

Acq: 23 Dec 2024 19:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

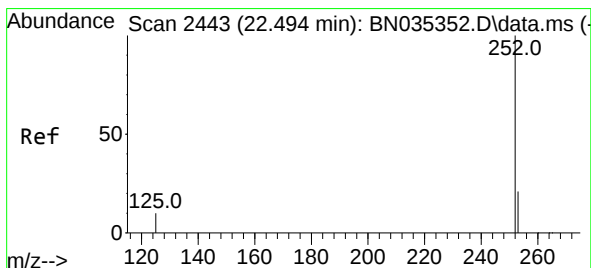
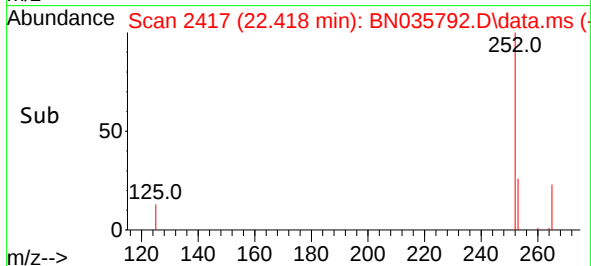
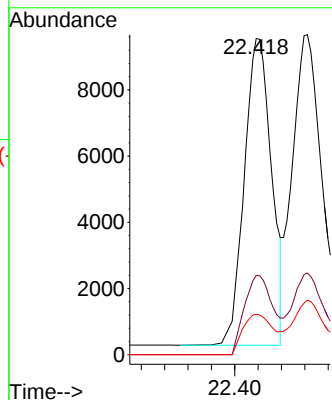
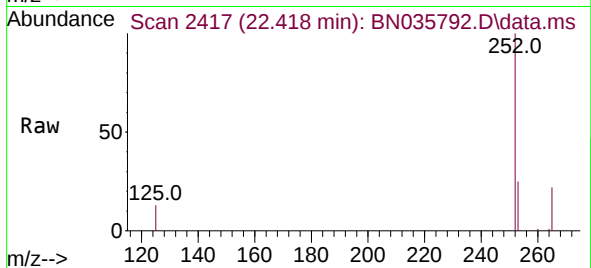
Tgt Ion:252 Resp: 23904

Ion Ratio Lower Upper

252 100

253 25.0 19.6 29.4

125 12.8 9.6 14.4



#38

Benzo(k)fluoranthene

Concen: 0.548 ng

RT: 22.418 min Scan# 2417

Delta R.T. -0.053 min

Lab File: BN035792.D

Acq: 23 Dec 2024 19:51

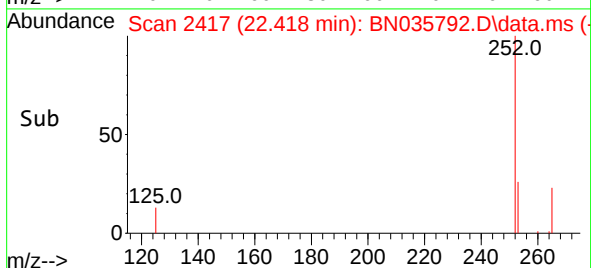
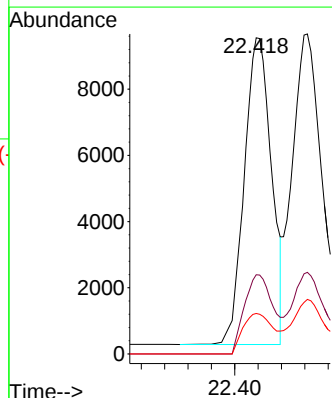
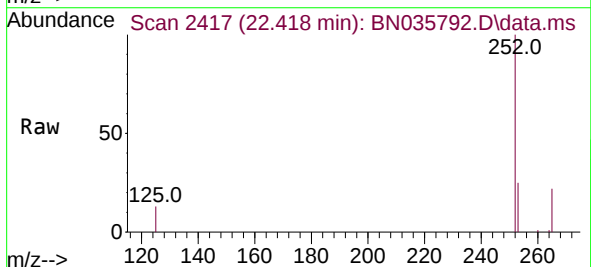
Tgt Ion:252 Resp: 23904

Ion Ratio Lower Upper

252 100

253 25.0 19.5 29.3

125 12.8 10.2 15.4





#39

Benzo(a)pyrene

Concen: 0.366 ng

RT: 22.942 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035792.D

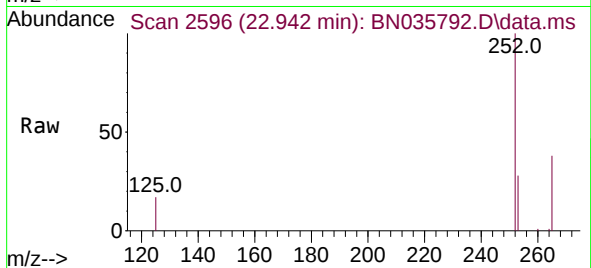
Acq: 23 Dec 2024 19:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



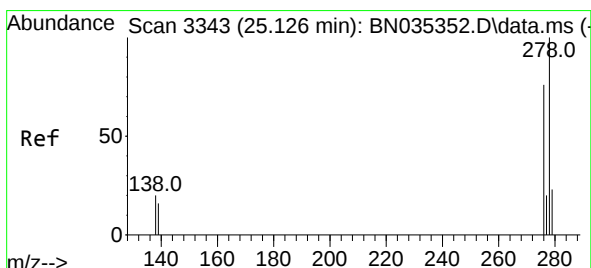
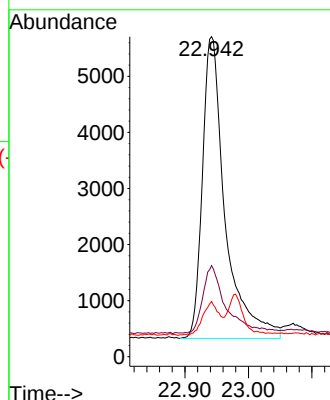
Tgt Ion:252 Resp: 13375

Ion Ratio Lower Upper

252 100

253 28.5 20.2 30.4

125 17.2 10.9 16.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.350 ng

RT: 25.067 min Scan# 3323

Delta R.T. -0.015 min

Lab File: BN035792.D

Acq: 23 Dec 2024 19:51

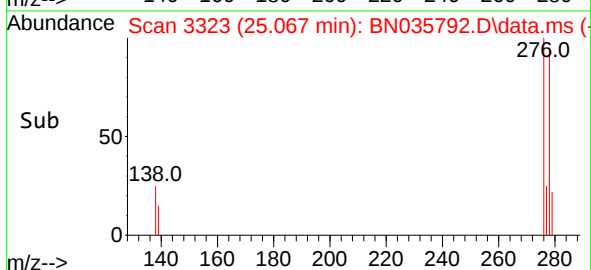
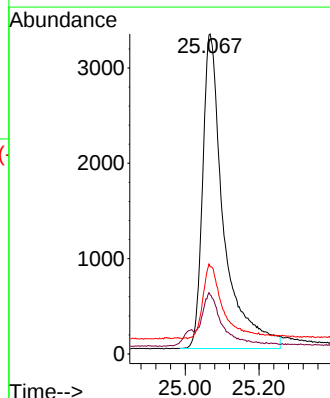
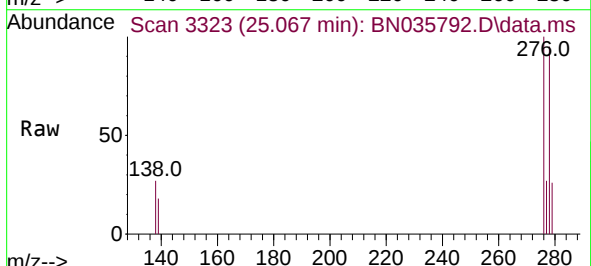
Tgt Ion:278 Resp: 13081

Ion Ratio Lower Upper

278 100

139 18.5 14.2 21.4

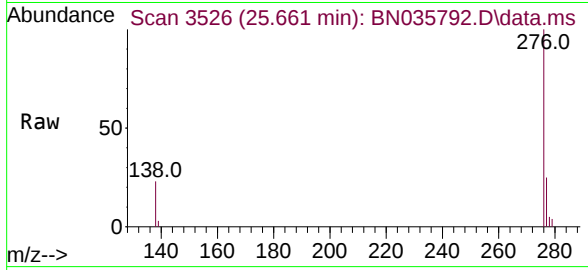
279 27.2 20.5 30.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.402 ng  
 RT: 25.661 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BN035792.D  
 Acq: 23 Dec 2024 19:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 15725 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.0  | 19.9  | 29.9  |
| 138      | 22.5  | 17.8  | 26.8  |

