

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012324\  
 Data File : BN029357.D  
 Acq On : 23 Jan 2024 21:36  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jan 24 01:10:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 02:16:14 2024  
 Response via : Initial Calibration

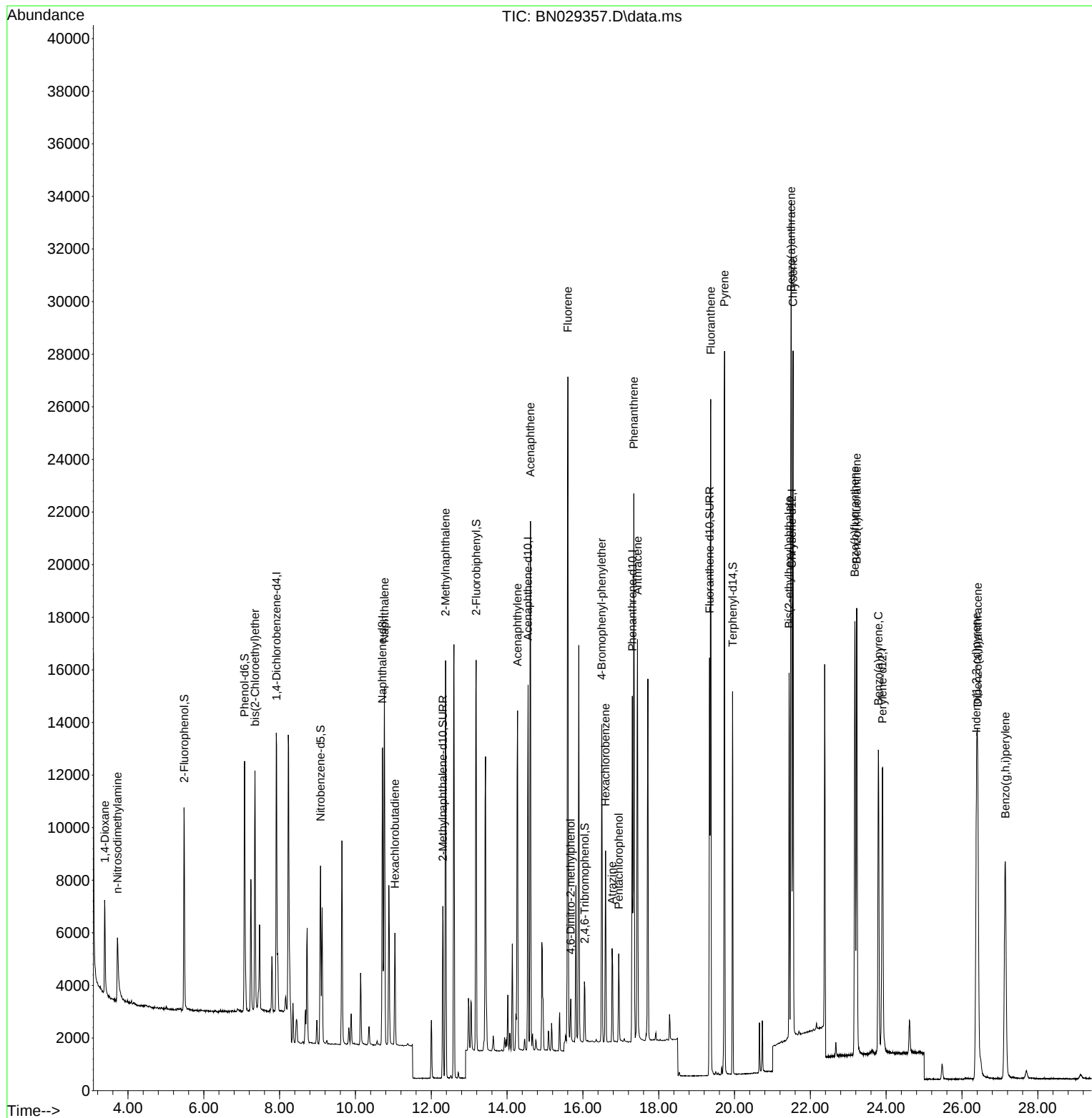
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.919  | 152  | 5132     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 14487    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.554 | 164  | 7528     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.305 | 188  | 16260    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.510 | 240  | 14283    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.905 | 264  | 15215    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.485  | 112  | 6208     | 0.456 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.074  | 99   | 8504     | 0.467 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.078  | 82   | 5447     | 0.355 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.306 | 152  | 8587     | 0.358 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.051 | 330  | 1341     | 0.342 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.185 | 172  | 13384    | 0.369 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.341 | 212  | 16774    | 0.348 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.949 | 244  | 12925    | 0.353 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.391  | 88   | 2601     | 0.390 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 2445     | 0.361 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.349  | 93   | 6633     | 0.395 | ng    | 99       |
| 9) Naphthalene                | 10.765 | 128  | 17404    | 0.374 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.043 | 225  | 3280     | 0.335 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.378 | 142  | 10913    | 0.360 | ng    | 99       |
| 16) Acenaphthylene            | 14.276 | 152  | 14490    | 0.361 | ng    | 100      |
| 17) Acenaphthene              | 14.618 | 154  | 9961     | 0.369 | ng    | 98       |
| 18) Fluorene                  | 15.605 | 166  | 12729    | 0.348 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.679 | 198  | 921      | 0.307 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.498 | 248  | 4174     | 0.351 | ng    | # 69     |
| 22) Hexachlorobenzene         | 16.597 | 284  | 5014     | 0.342 | ng    | 96       |
| 23) Atrazine                  | 16.771 | 200  | 2975     | 0.343 | ng    | # 90     |
| 24) Pentachlorophenol         | 16.945 | 266  | 1536     | 0.314 | ng    | 98       |
| 25) Phenanthrene              | 17.342 | 178  | 20657    | 0.370 | ng    | 99       |
| 26) Anthracene                | 17.442 | 178  | 17514    | 0.355 | ng    | 99       |
| 28) Fluoranthene              | 19.373 | 202  | 23422    | 0.351 | ng    | 98       |
| 30) Pyrene                    | 19.735 | 202  | 23810    | 0.366 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.492 | 228  | 22383    | 0.376 | ng    | 100      |
| 33) Chrysene                  | 21.546 | 228  | 22183    | 0.361 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.438 | 149  | 13554    | 0.413 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.382 | 276  | 22076    | 0.340 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.174 | 252  | 21878    | 0.338 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.224 | 252  | 22128    | 0.348 | ng    | # 96     |
| 39) Benzo(a)pyrene            | 23.794 | 252  | 17686    | 0.347 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.414 | 278  | 17779    | 0.338 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.145 | 276  | 18950    | 0.336 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 23 02:16:14 2024  
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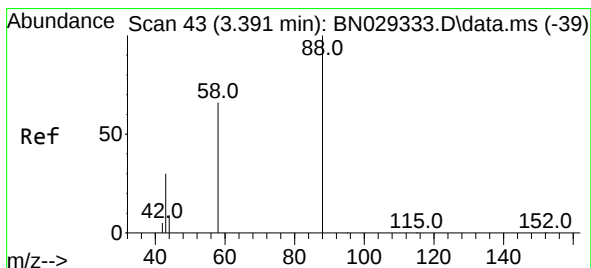
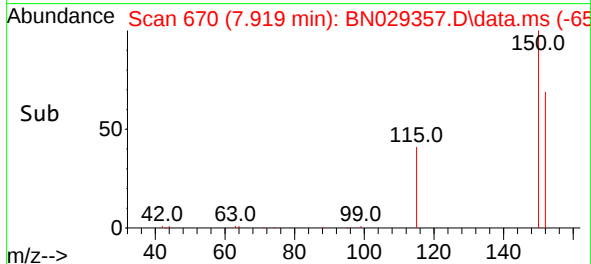
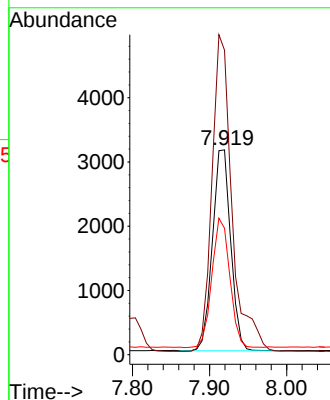
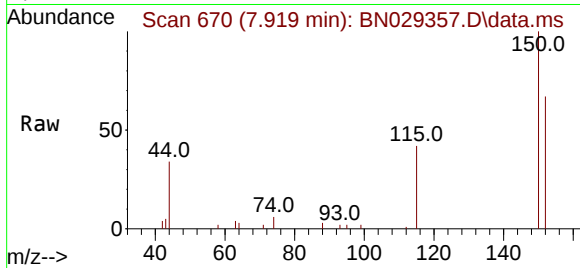




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.919 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

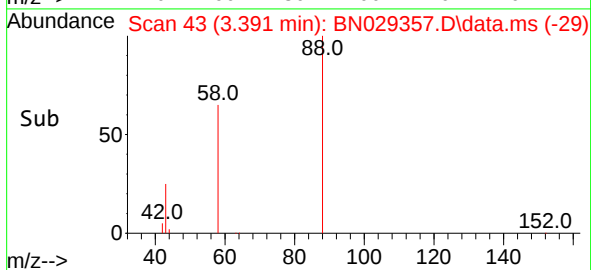
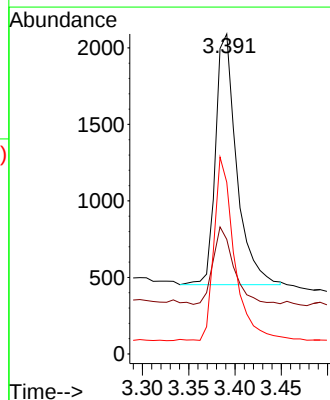
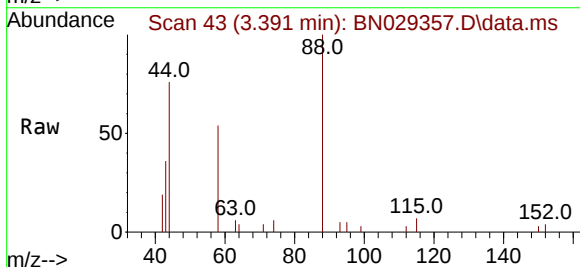
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

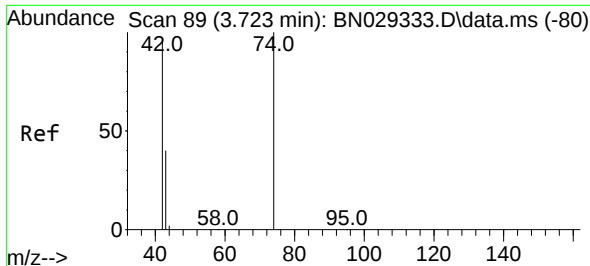
Tgt Ion:152 Resp: 5132  
 Ion Ratio Lower Upper  
 152 100  
 150 148.6 121.1 181.7  
 115 61.7 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 0.390 ng  
 RT: 3.391 min Scan# 43  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

Tgt Ion: 88 Resp: 2601  
 Ion Ratio Lower Upper  
 88 100  
 43 30.7 29.2 43.8  
 58 69.7 57.8 86.8

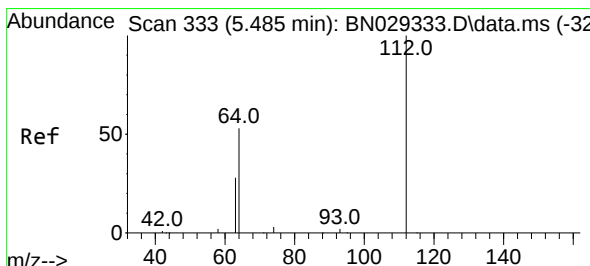
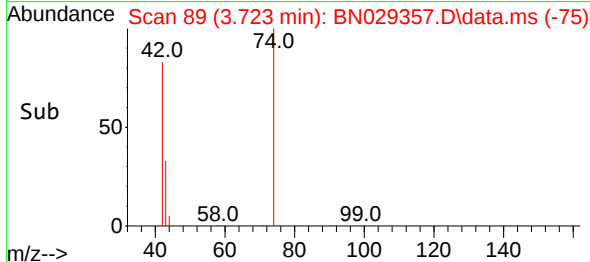
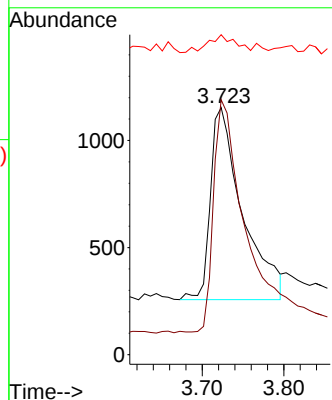
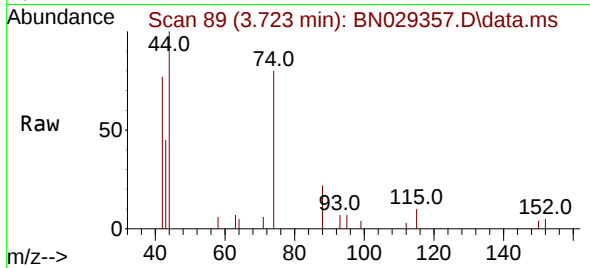




#3  
 n-Nitrosodimethylamine  
 Concen: 0.361 ng  
 RT: 3.723 min Scan# 89  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

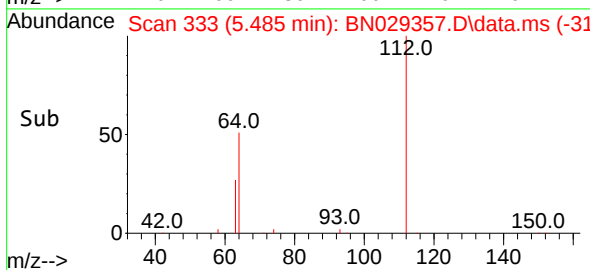
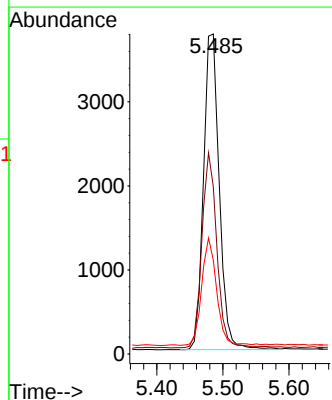
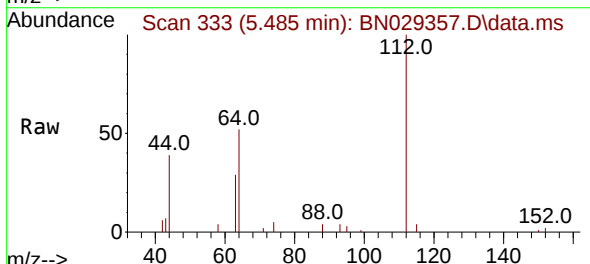
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

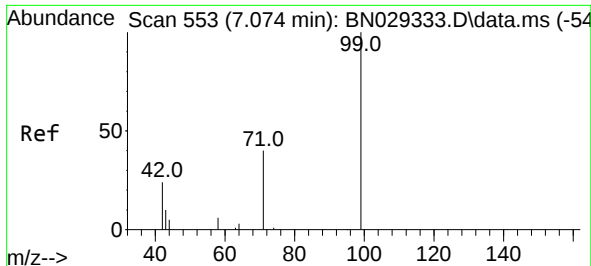
Tgt Ion: 42 Resp: 2445  
 Ion Ratio Lower Upper  
 42 100  
 74 118.9 87.4 131.0  
 44 8.0 3.1 4.7#



#4  
 2-Fluorophenol  
 Concen: 0.456 ng  
 RT: 5.485 min Scan# 333  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

Tgt Ion: 112 Resp: 6208  
 Ion Ratio Lower Upper  
 112 100  
 64 58.6 47.6 71.4  
 63 32.0 27.0 40.6

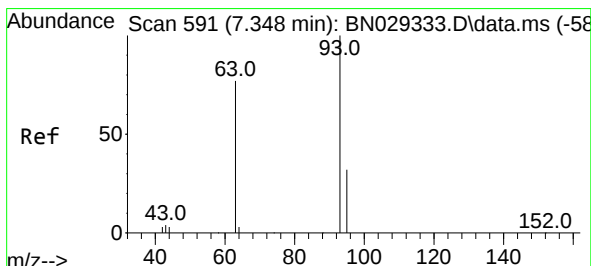
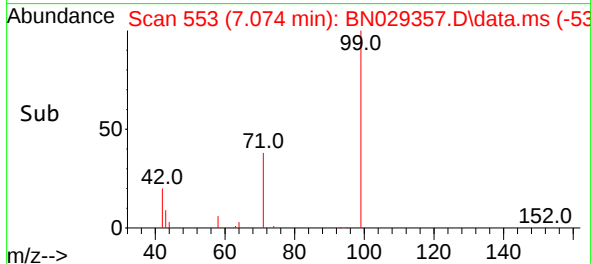
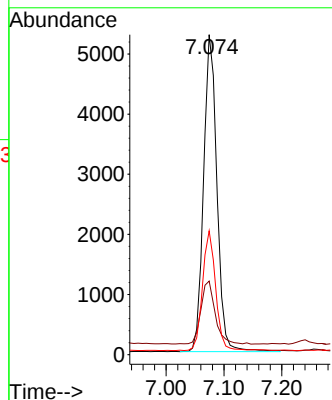
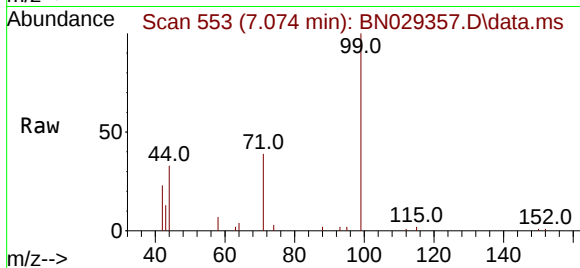




#5  
Phenol-d6  
Concen: 0.467 ng  
RT: 7.074 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

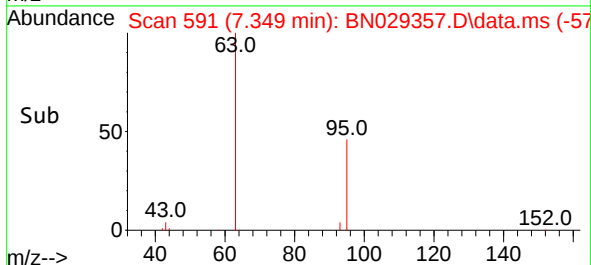
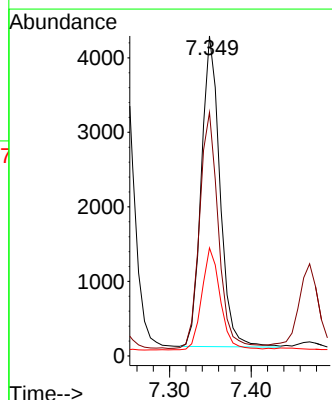
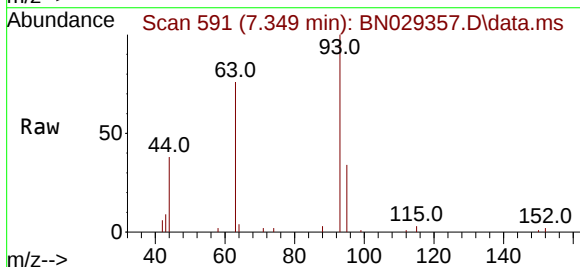
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

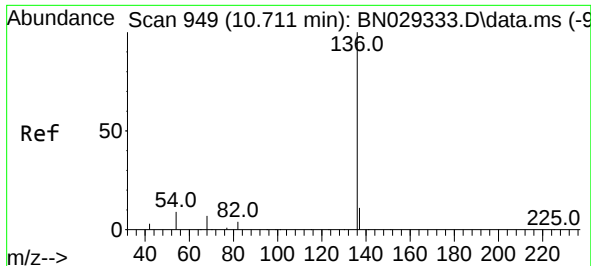
Tgt Ion: 99 Resp: 8504  
Ion Ratio Lower Upper  
99 100  
42 21.0 19.3 28.9  
71 37.0 31.0 46.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.395 ng  
RT: 7.349 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion: 93 Resp: 6633  
Ion Ratio Lower Upper  
93 100  
63 76.9 61.0 91.4  
95 32.7 26.5 39.7

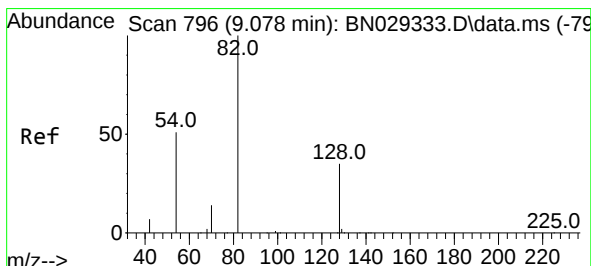
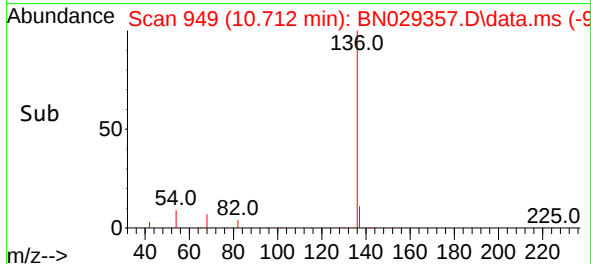
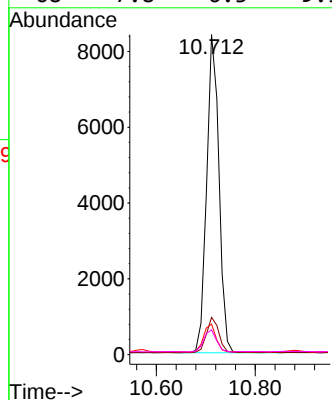
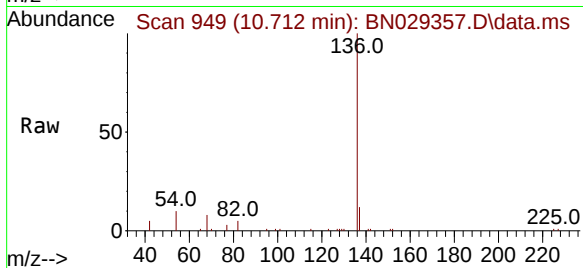




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

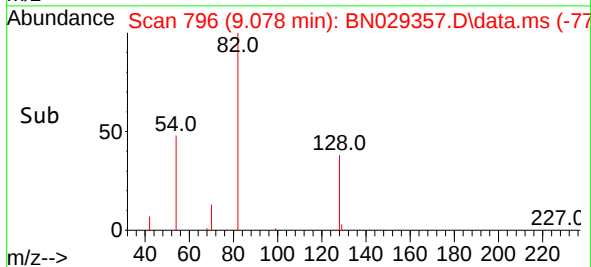
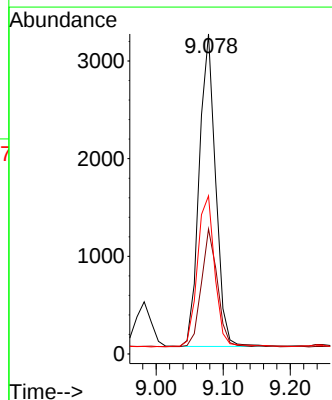
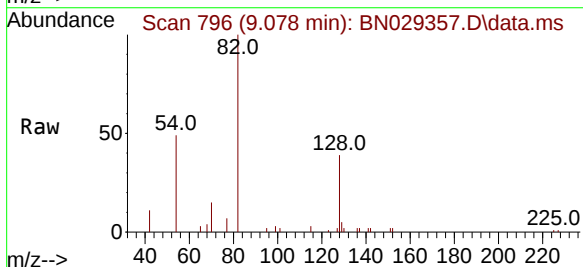
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

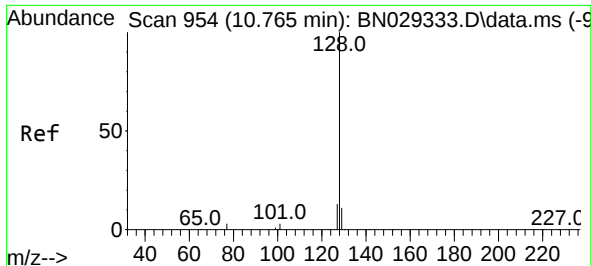
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14487 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.4   | 14.0  |
| 54       | 9.6   | 7.9   | 11.9  |
| 68       | 7.8   | 6.3   | 9.5   |



#8  
Nitrobenzene-d5  
Concen: 0.355 ng  
RT: 9.078 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5447  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.1  | 29.8  | 44.6  |
| 54       | 49.4  | 42.5  | 63.7  |

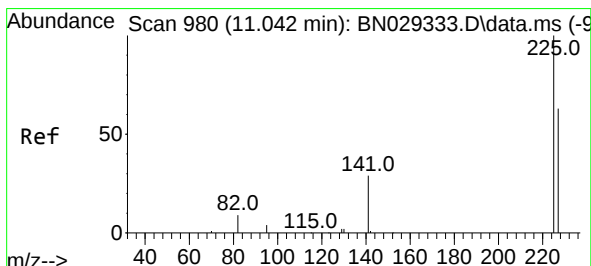
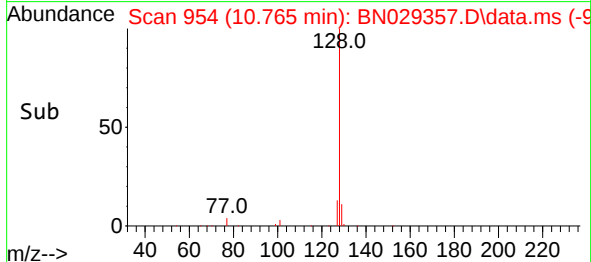
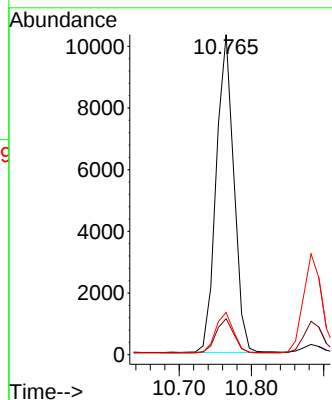
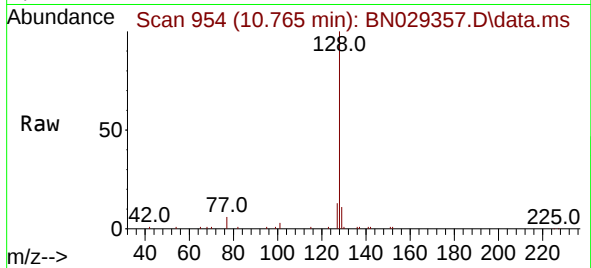




#9  
Naphthalene  
Concen: 0.374 ng  
RT: 10.765 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

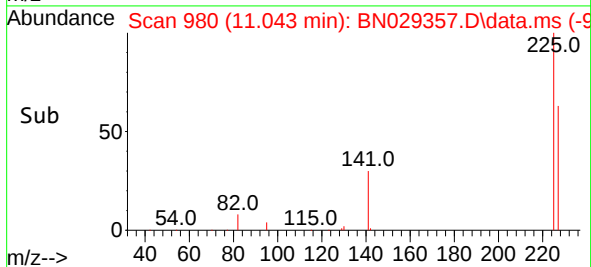
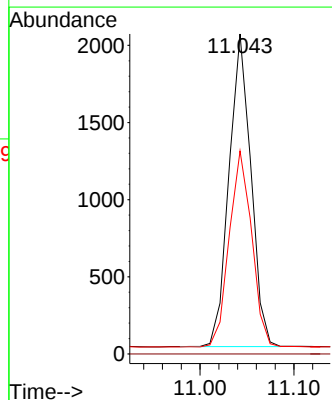
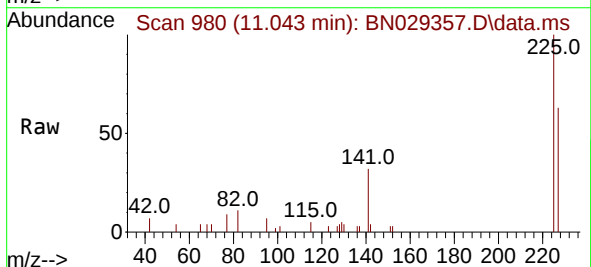
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

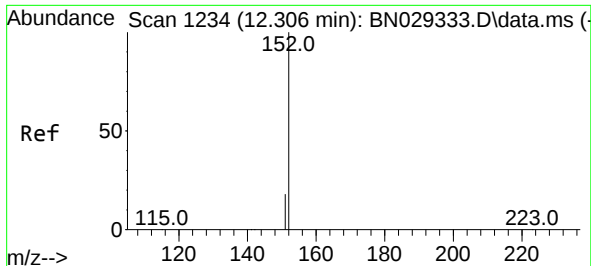
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Ion Ratio Lower Upper  
128 100  
129 11.3 9.6 14.4  
127 13.2 11.3 16.9



#10  
Hexachlorobutadiene  
Concen: 0.335 ng  
RT: 11.043 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:225 Resp: 3280  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.3 50.6 76.0

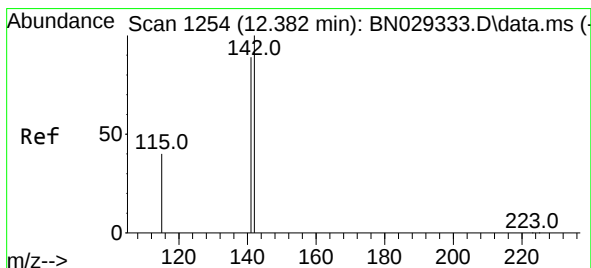
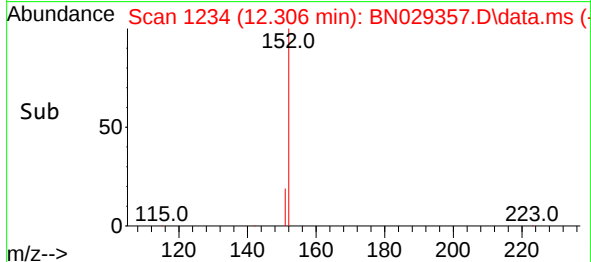
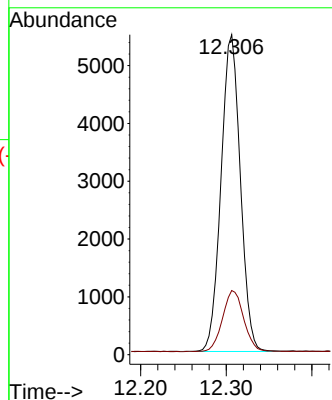
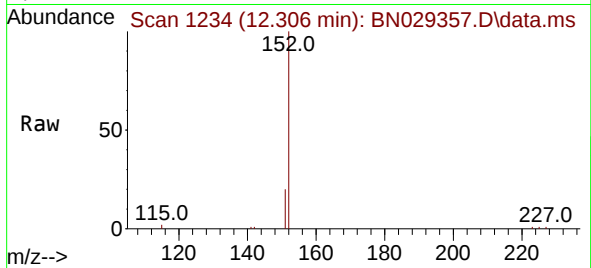




#11  
2-Methylnaphthalene-d10  
Concen: 0.358 ng  
RT: 12.306 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

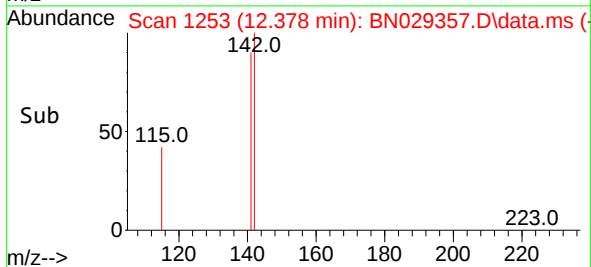
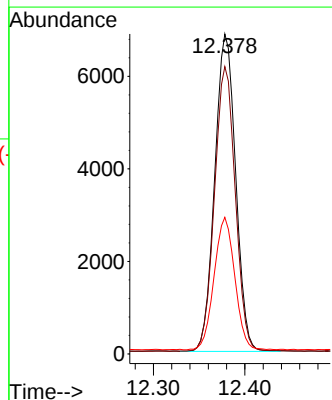
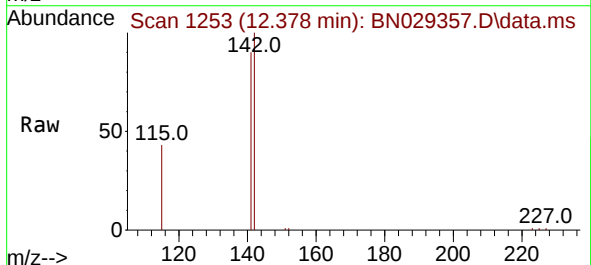
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

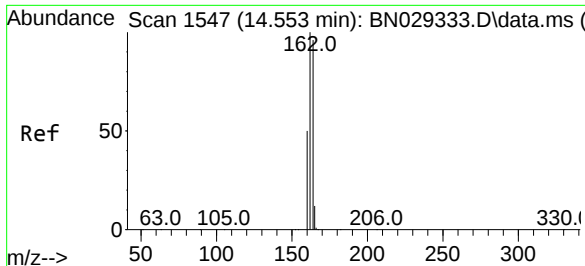
Tgt Ion:152 Resp: 8587  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.9 25.3



#12  
2-Methylnaphthalene  
Concen: 0.360 ng  
RT: 12.378 min Scan# 1253  
Delta R.T. -0.003 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:142 Resp: 10913  
Ion Ratio Lower Upper  
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141 89.8 71.1 106.7  
115 42.7 33.4 50.0

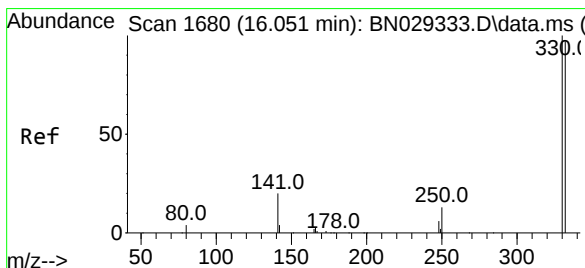
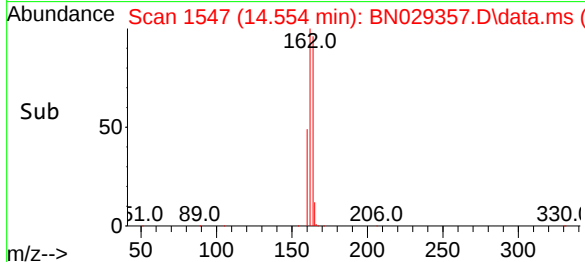
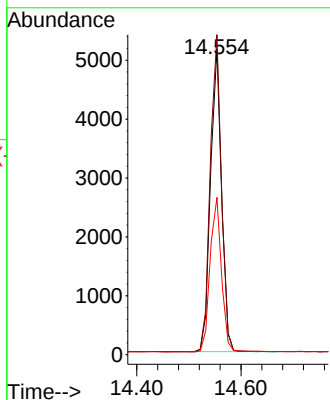
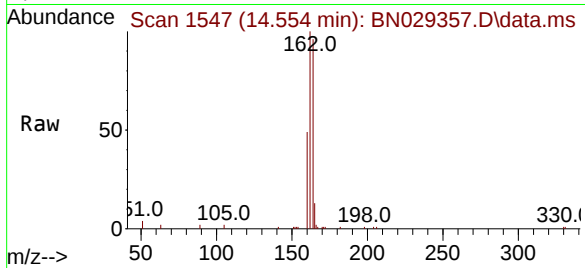




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.554 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

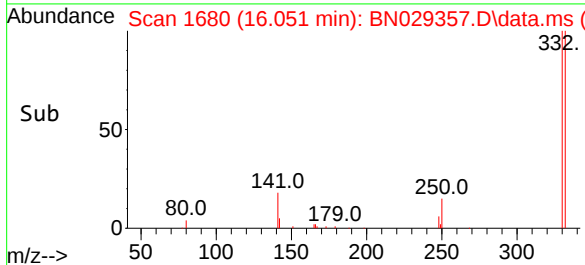
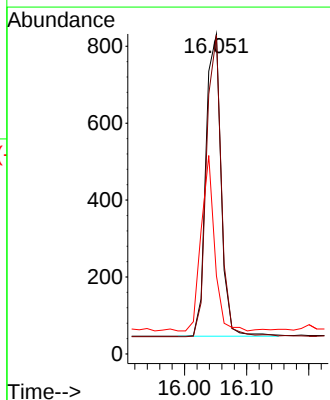
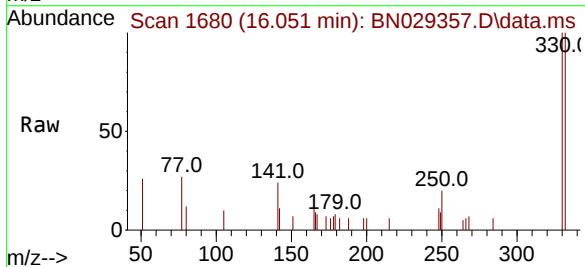
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

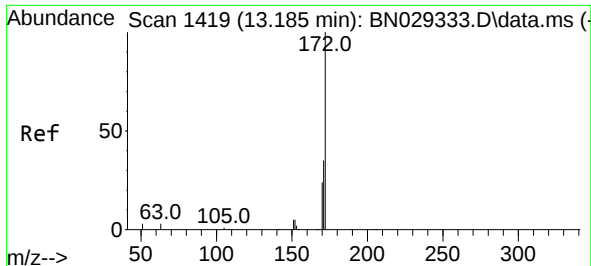
Tgt Ion:164 Resp: 7528  
Ion Ratio Lower Upper  
164 100  
162 104.6 83.5 125.3  
160 51.4 42.1 63.1



#14  
2,4,6-Tribromophenol  
Concen: 0.342 ng  
RT: 16.051 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:330 Resp: 1341  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 51.4 37.2 55.8

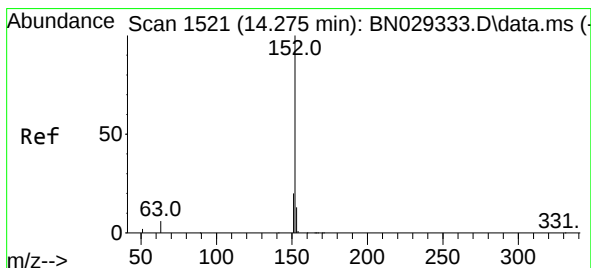
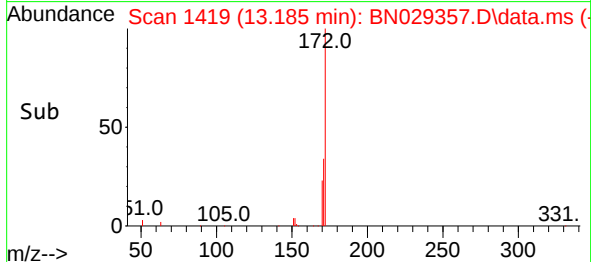
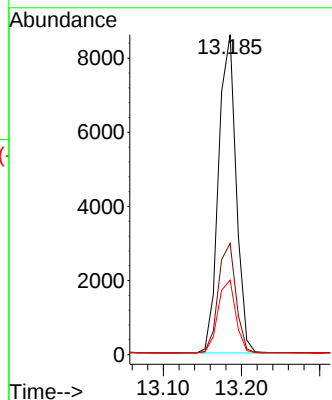
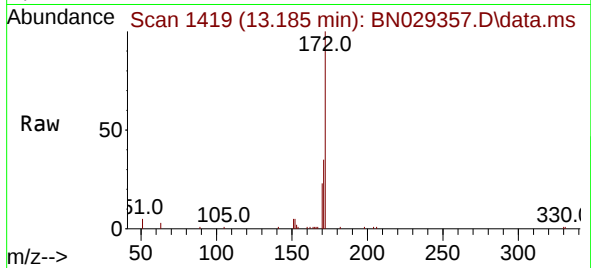




#15  
2-Fluorobiphenyl  
Concen: 0.369 ng  
RT: 13.185 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

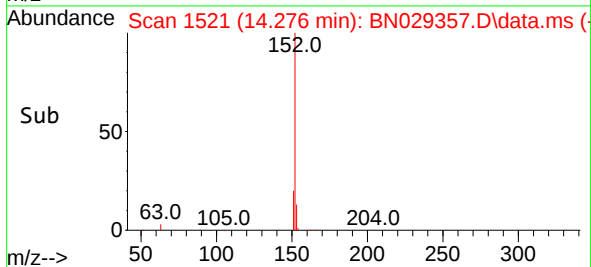
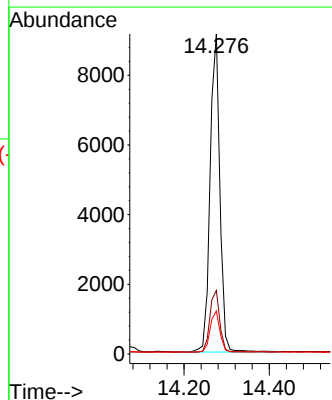
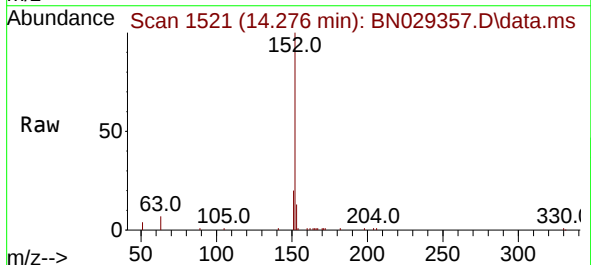
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

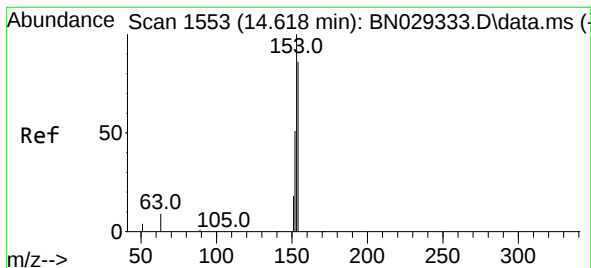
Tgt Ion:172 Resp: 13384  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 23.3 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.361 ng  
RT: 14.276 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:152 Resp: 14490  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.5 23.3  
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.618 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

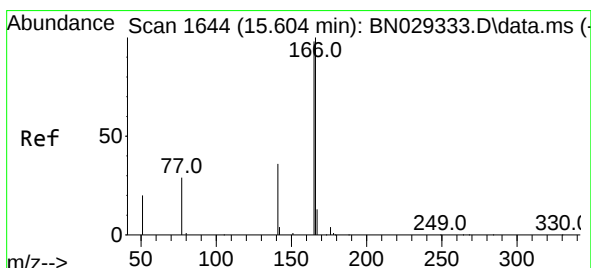
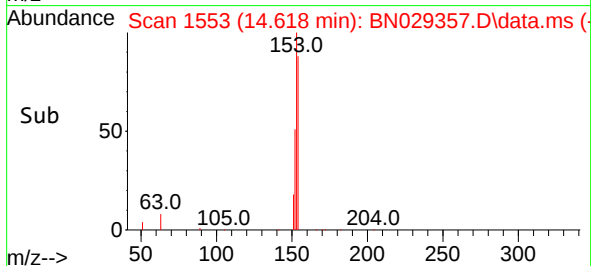
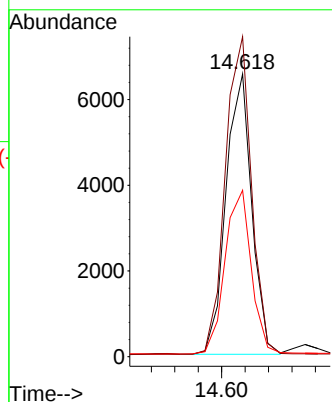
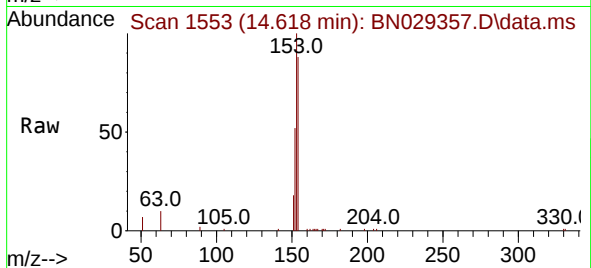
Tgt Ion:154 Resp: 9961

Ion Ratio Lower Upper

154 100

153 115.5 93.7 140.5

152 60.6 49.4 74.2



#18

Fluorene

Concen: 0.348 ng

RT: 15.605 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

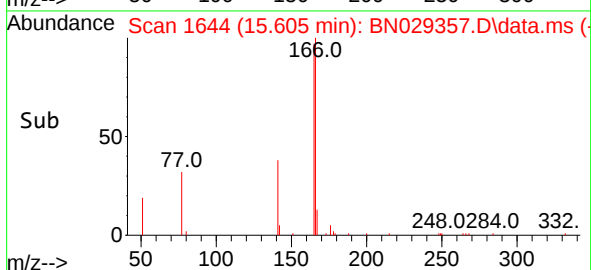
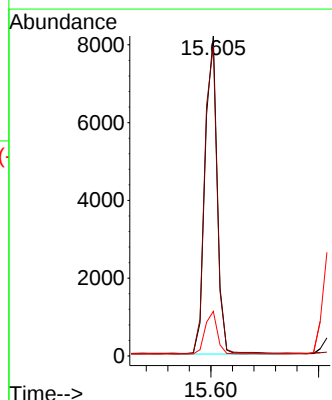
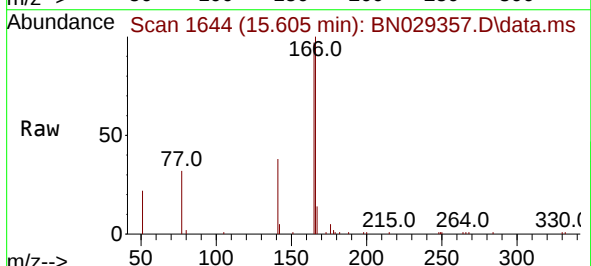
Tgt Ion:166 Resp: 12729

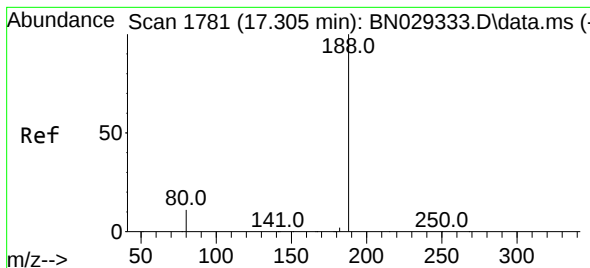
Ion Ratio Lower Upper

166 100

165 99.5 79.4 119.2

167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

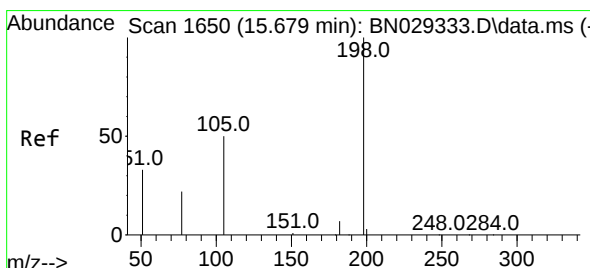
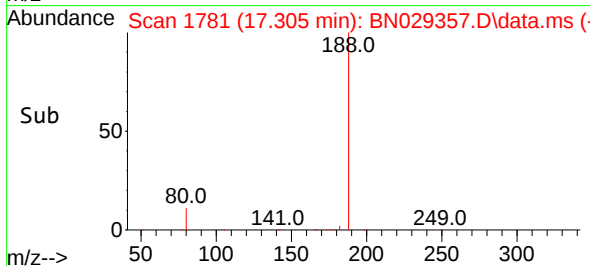
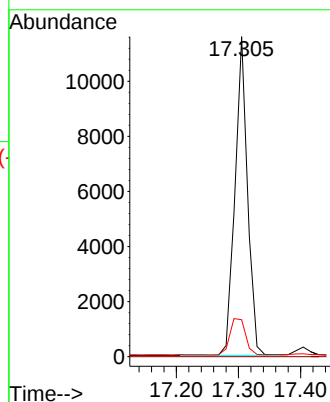
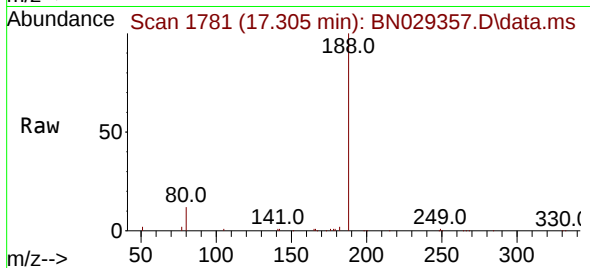
Tgt Ion:188 Resp: 16260

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 9.4 14.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.307 ng

RT: 15.679 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

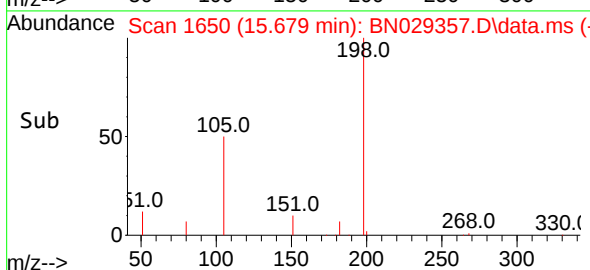
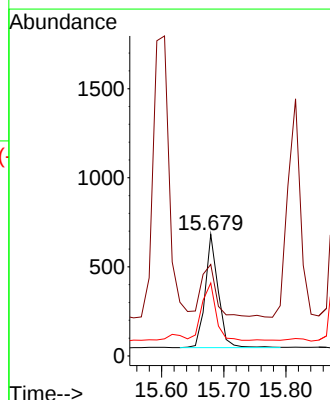
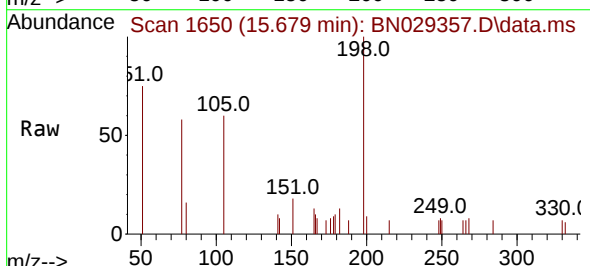
Tgt Ion:198 Resp: 921

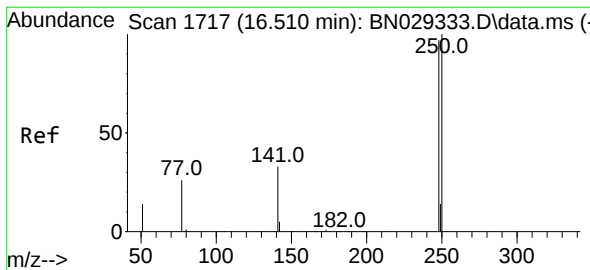
Ion Ratio Lower Upper

198 100

51 75.4 60.5 90.7

105 60.0 48.7 73.1

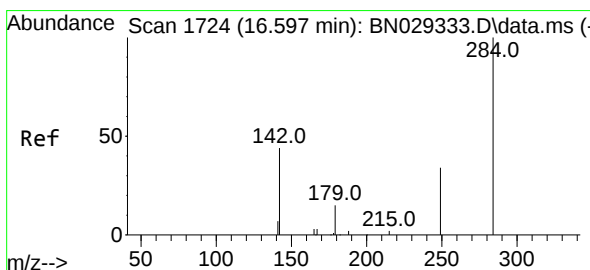
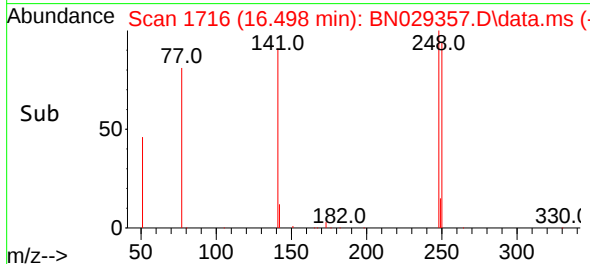
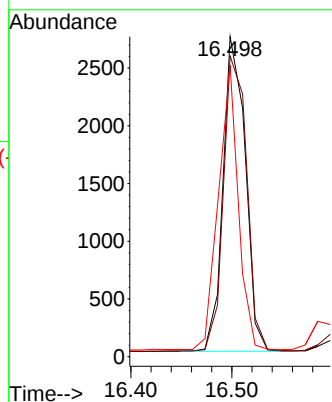
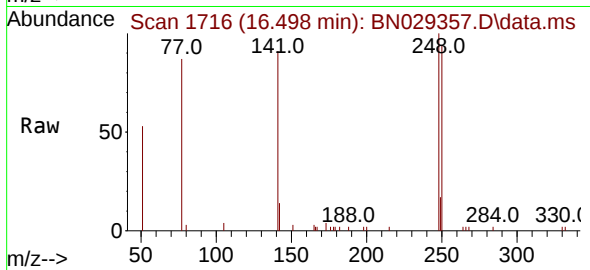




#21  
4-Bromophenyl-phenylether  
Concen: 0.351 ng  
RT: 16.498 min Scan# 1716  
Delta R.T. -0.012 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

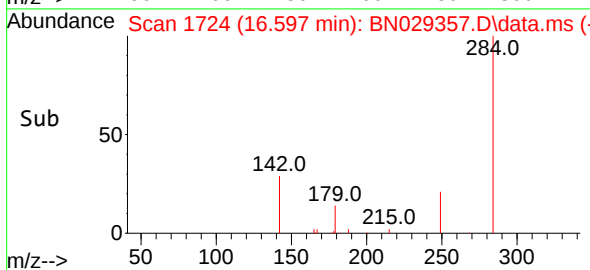
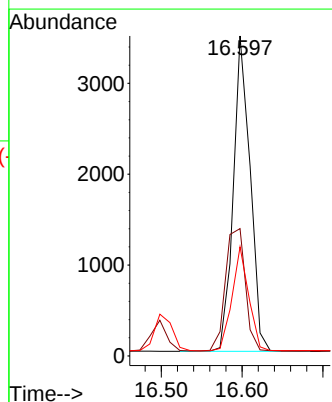
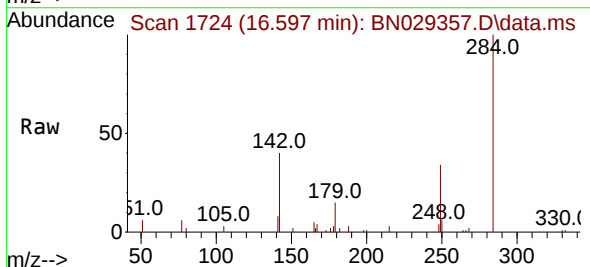
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

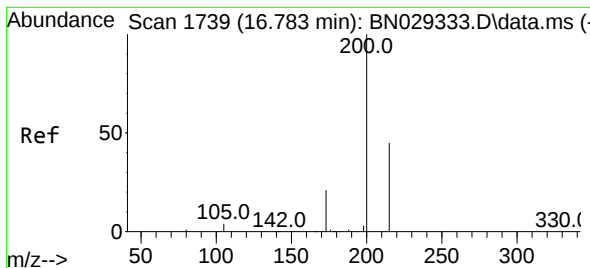
Tgt Ion:248 Resp: 4174  
Ion Ratio Lower Upper  
248 100  
250 94.0 82.6 123.8  
141 91.2 28.7 43.1#



#22  
Hexachlorobenzene  
Concen: 0.342 ng  
RT: 16.597 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:284 Resp: 5014  
Ion Ratio Lower Upper  
284 100  
142 46.0 33.8 50.6  
249 32.7 25.5 38.3





#23

Atrazine

Concen: 0.343 ng

RT: 16.771 min Scan# 1738

Delta R.T. -0.012 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

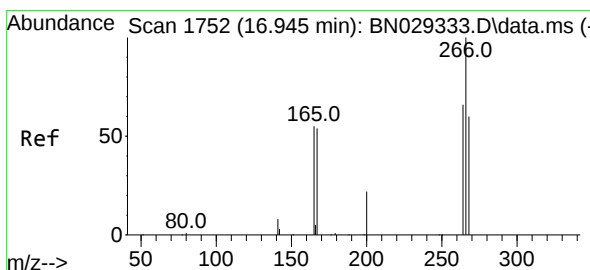
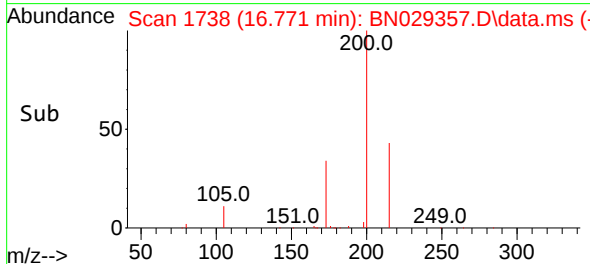
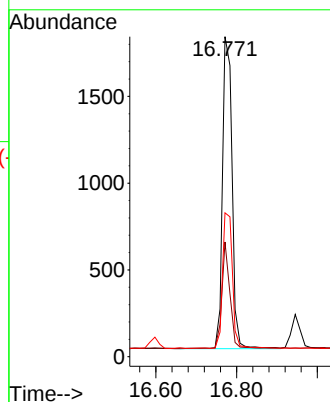
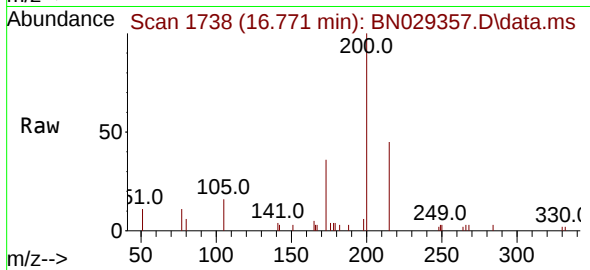
Tgt Ion:200 Resp: 2975

Ion Ratio Lower Upper

200 100

173 35.8 18.6 28.0#

215 45.0 37.1 55.7



#24

Pentachlorophenol

Concen: 0.314 ng

RT: 16.945 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

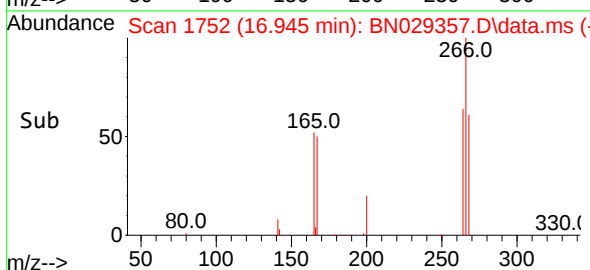
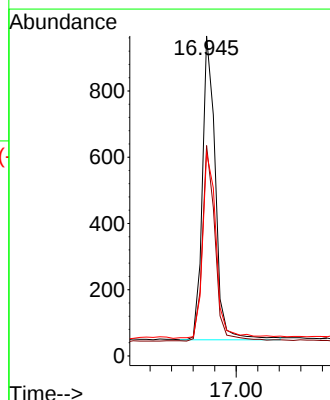
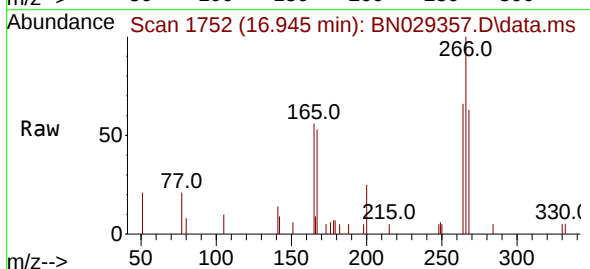
Tgt Ion:266 Resp: 1536

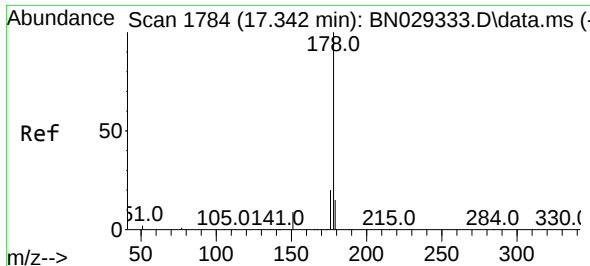
Ion Ratio Lower Upper

266 100

264 62.2 49.8 74.8

268 64.1 48.8 73.2

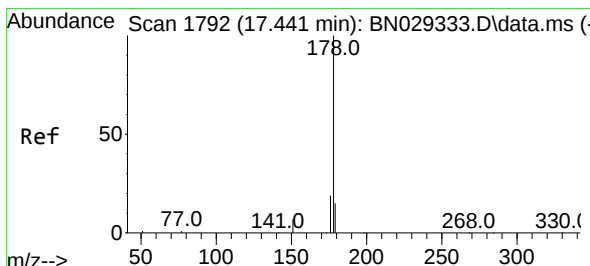
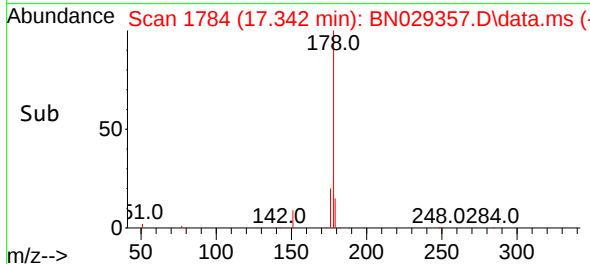
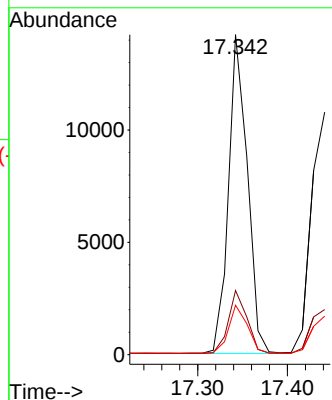
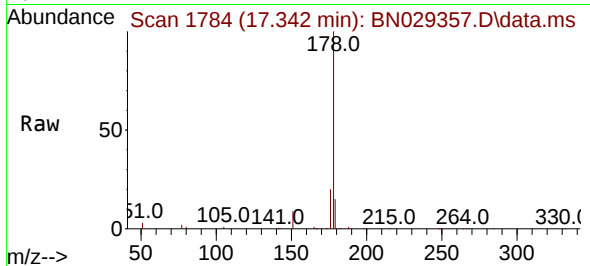




#25  
Phenanthrene  
Concen: 0.370 ng  
RT: 17.342 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

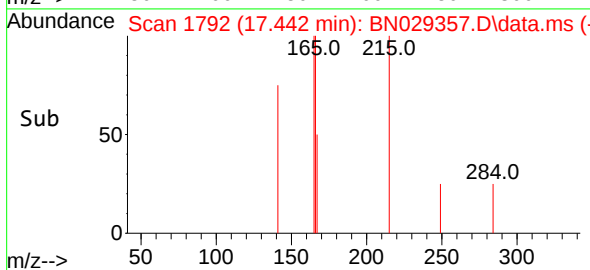
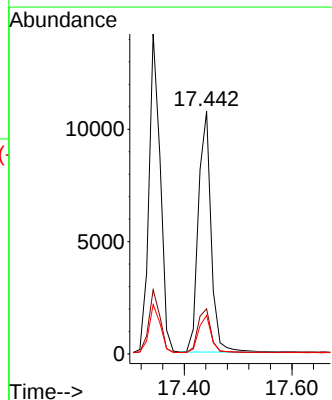
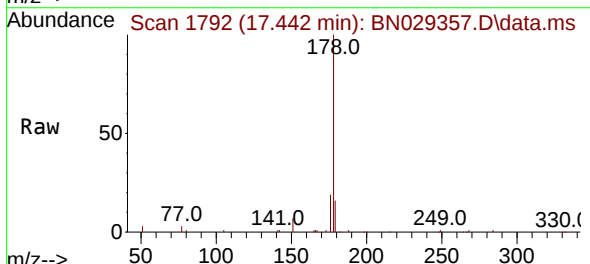
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

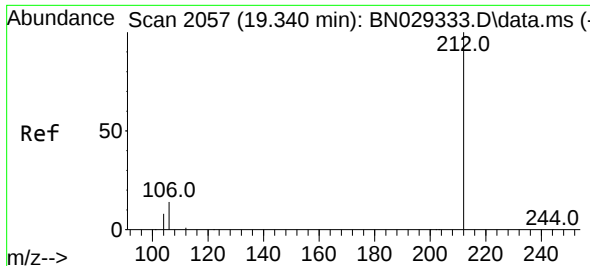
Tgt Ion:178 Resp: 20657  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.1 12.4 18.6



#26  
Anthracene  
Concen: 0.355 ng  
RT: 17.442 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:178 Resp: 17514  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.3 12.1 18.1

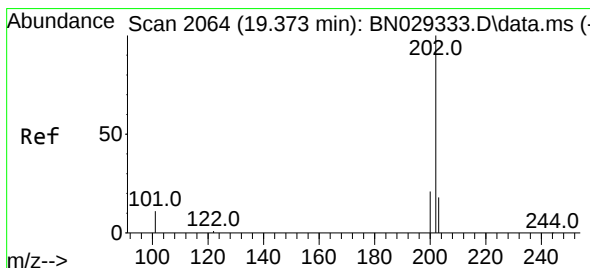
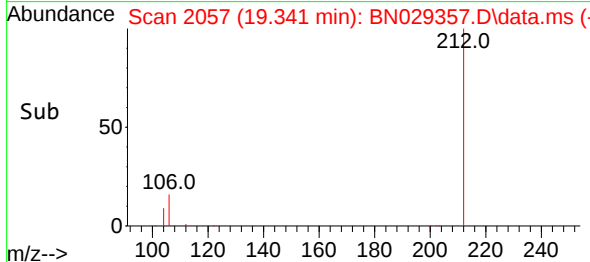
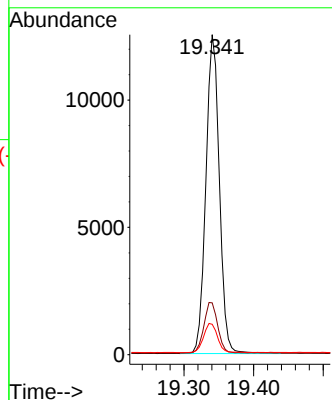
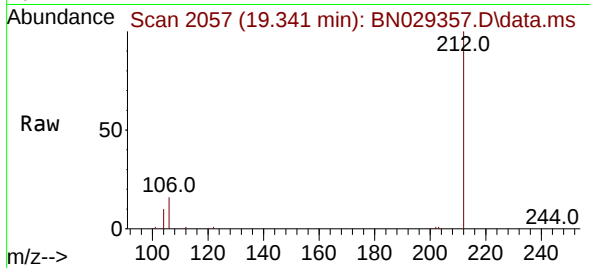




#27  
Fluoranthene-d10  
Concen: 0.348 ng  
RT: 19.341 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

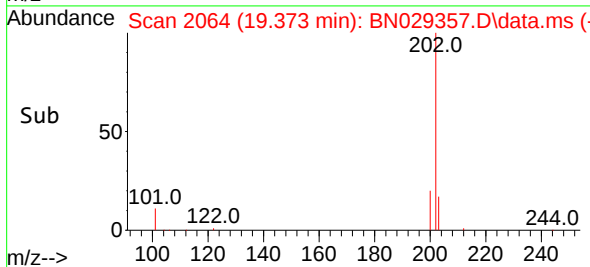
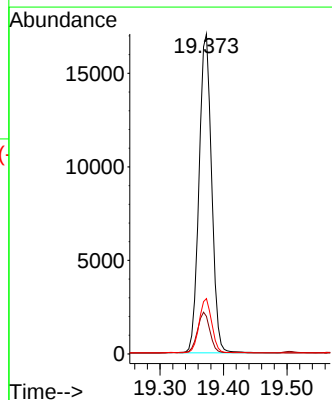
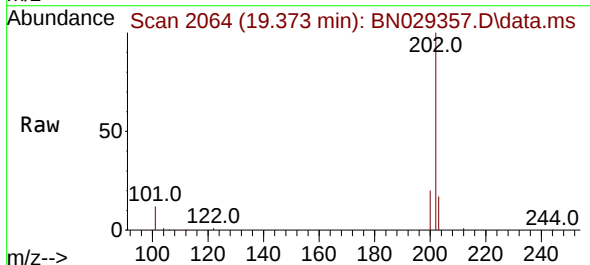
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

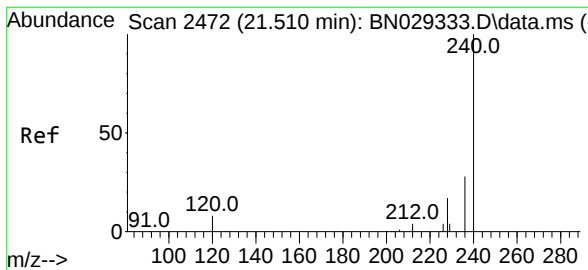
Tgt Ion:212 Resp: 16774  
Ion Ratio Lower Upper  
212 100  
106 16.3 11.4 17.0  
104 9.5 6.8 10.2



#28  
Fluoranthene  
Concen: 0.351 ng  
RT: 19.373 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:202 Resp: 23422  
Ion Ratio Lower Upper  
202 100  
101 12.8 9.0 13.4  
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.510 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

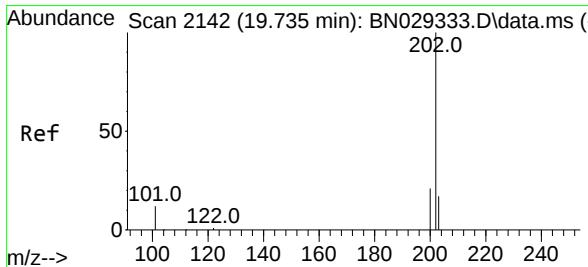
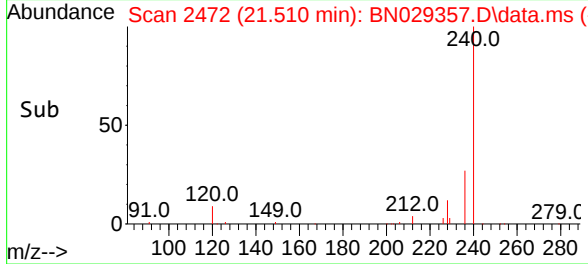
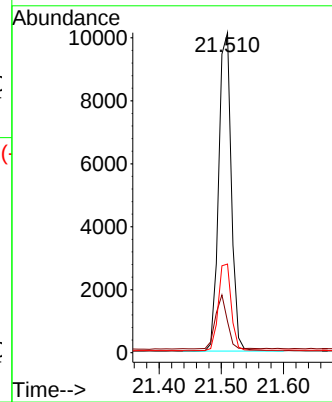
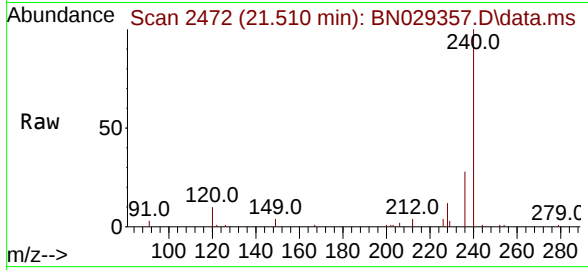
Tgt Ion:240 Resp: 14283

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 27.7 23.0 34.4



#30

Pyrene

Concen: 0.366 ng

RT: 19.735 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

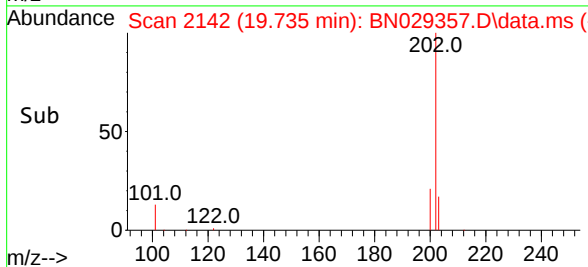
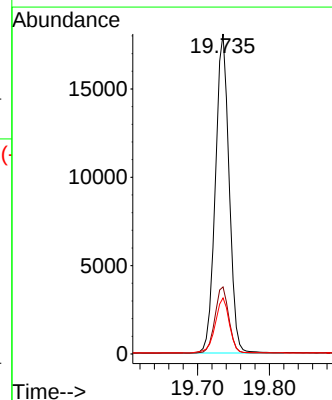
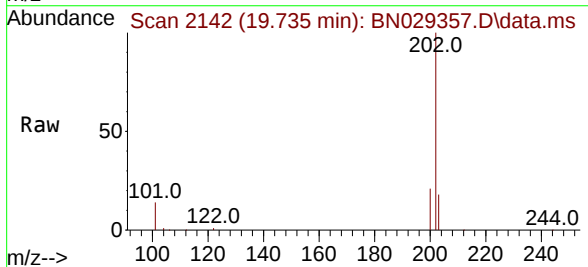
Tgt Ion:202 Resp: 23810

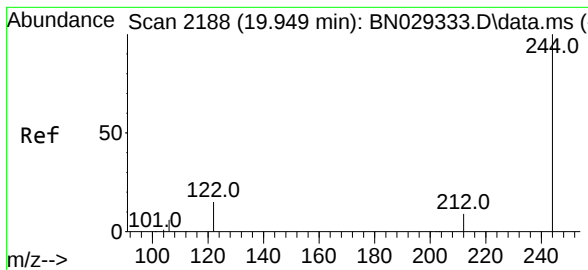
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.7 14.1 21.1

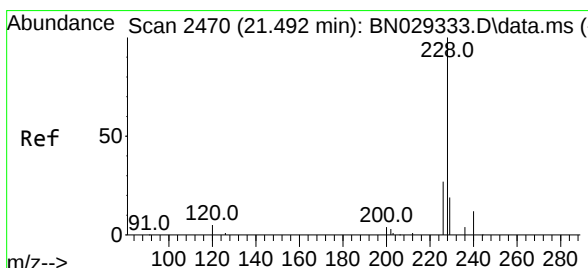
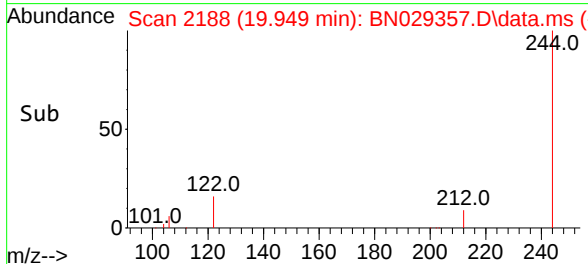
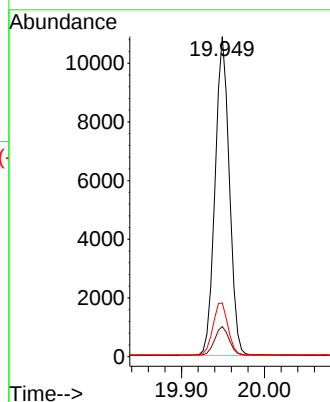
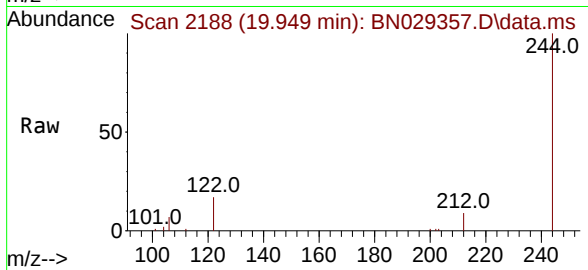




#31  
 Terphenyl-d14  
 Concen: 0.353 ng  
 RT: 19.949 min Scan# 2188  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

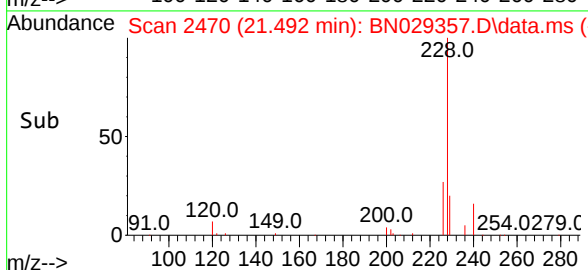
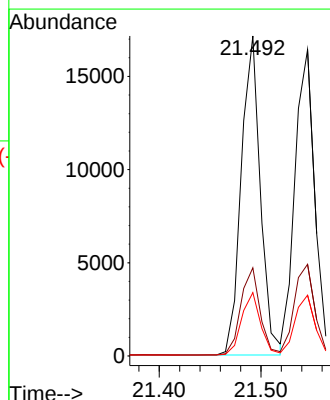
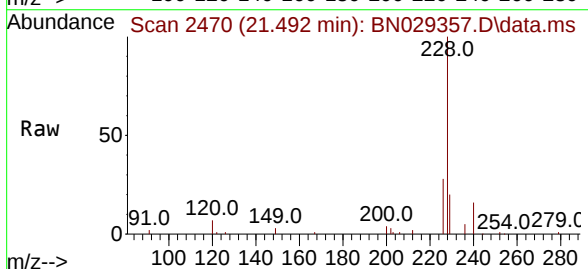
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

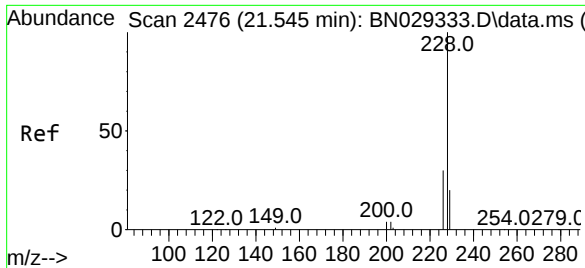
Tgt Ion:244 Resp: 12925  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.6 11.4  
 122 16.8 12.8 19.2



#32  
 Benzo(a)anthracene  
 Concen: 0.376 ng  
 RT: 21.492 min Scan# 2470  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

Tgt Ion:228 Resp: 22383  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 22.0 33.0  
 229 19.8 15.6 23.4





#33

Chrysene

Concen: 0.361 ng

RT: 21.546 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

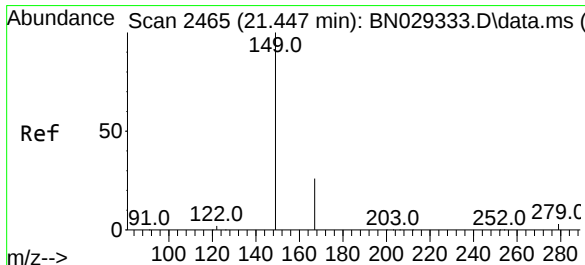
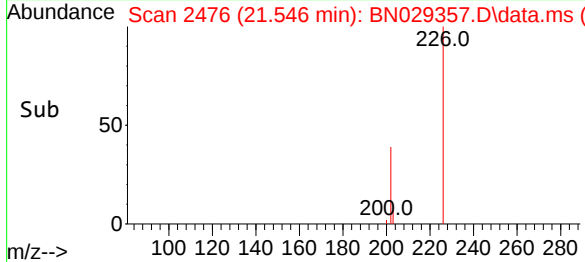
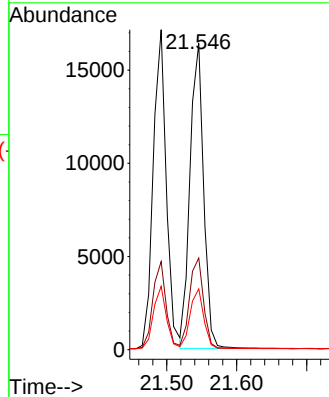
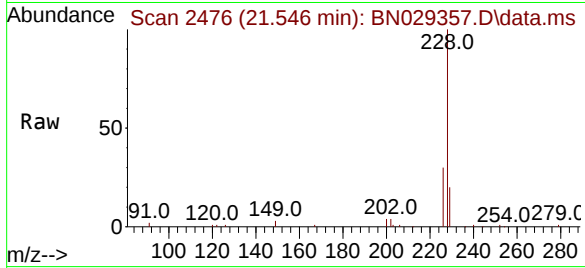
Tgt Ion:228 Resp: 22183

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

229 19.8 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.413 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

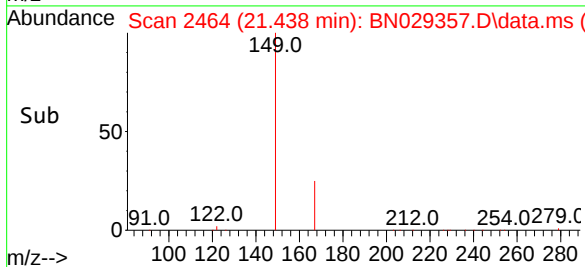
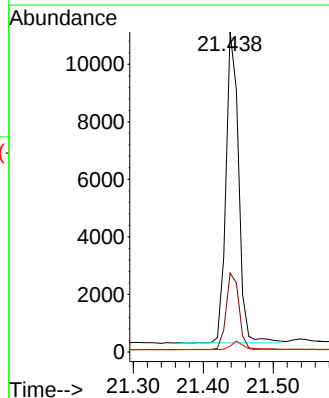
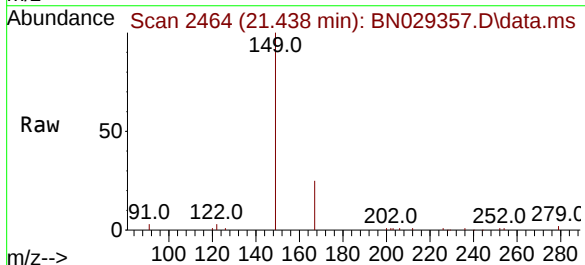
Tgt Ion:149 Resp: 13554

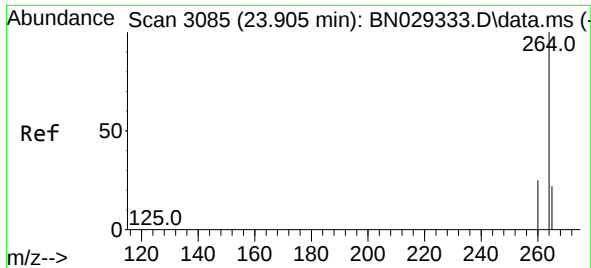
Ion Ratio Lower Upper

149 100

167 25.3 19.9 29.9

279 2.7 2.2 3.4

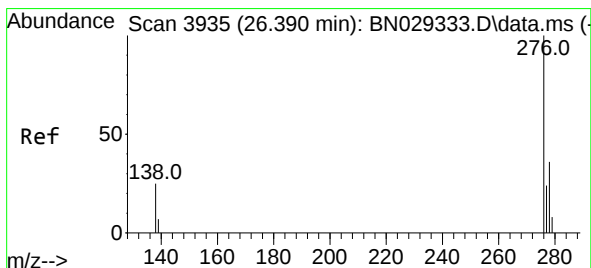
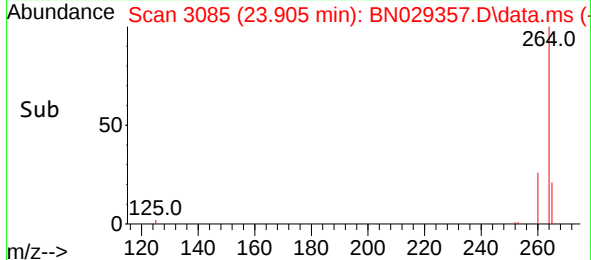
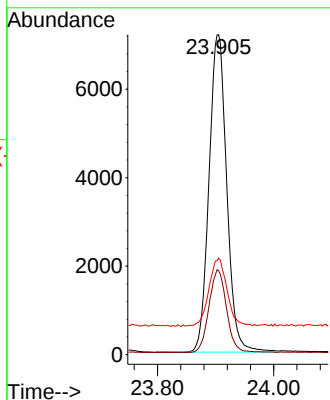
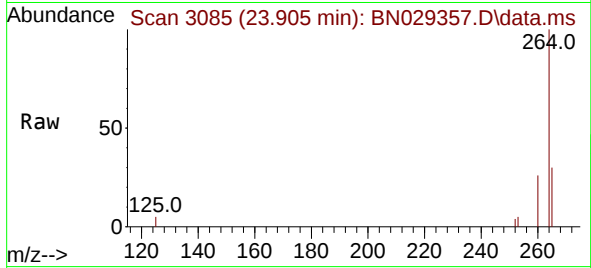




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.905 min Scan# 3085  
 Delta R.T. 0.000 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

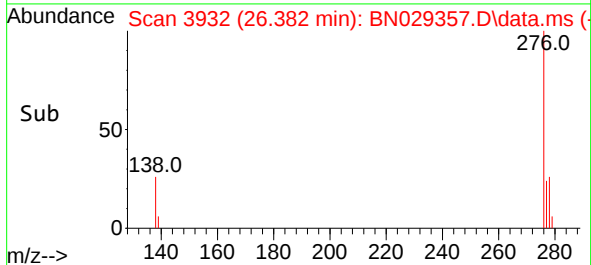
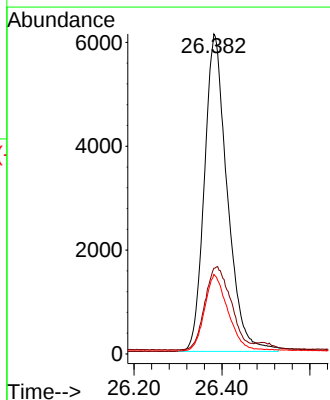
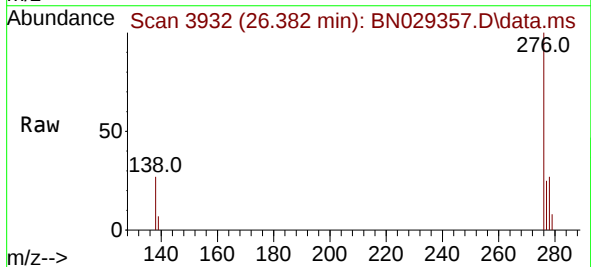
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

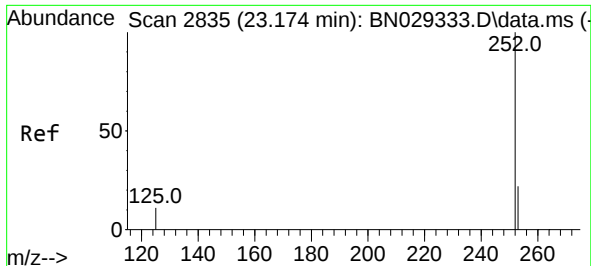
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 15215 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.2  | 20.6  | 31.0  |
| 265       | 30.2  | 24.8  | 37.2  |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.340 ng  
 RT: 26.382 min Scan# 3932  
 Delta R.T. -0.008 min  
 Lab File: BN029357.D  
 Acq: 23 Jan 2024 21:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 22076 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 30.0  | 21.9  | 32.9  |
| 277       | 24.5  | 19.9  | 29.9  |

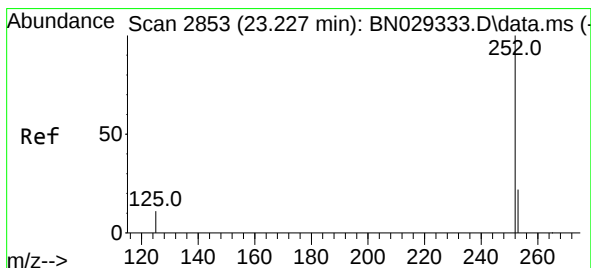
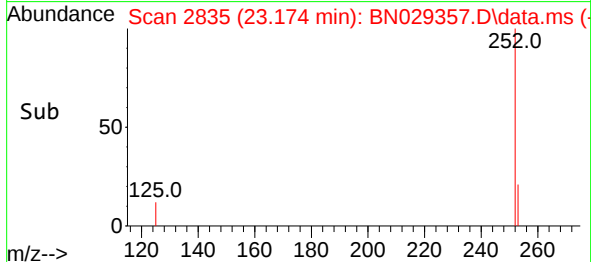
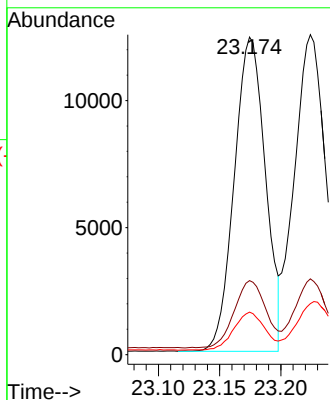
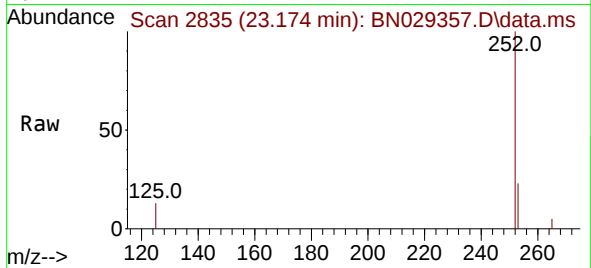




#37  
Benzo(b)fluoranthene  
Concen: 0.338 ng  
RT: 23.174 min Scan# 21878  
Delta R.T. 0.000 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

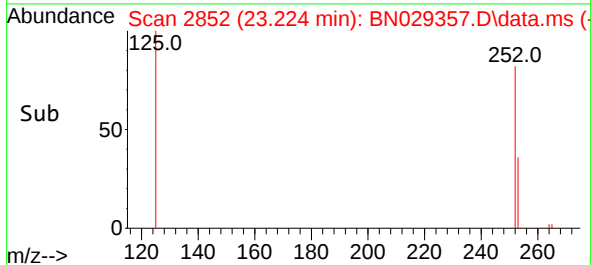
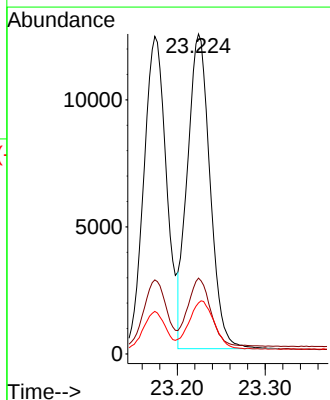
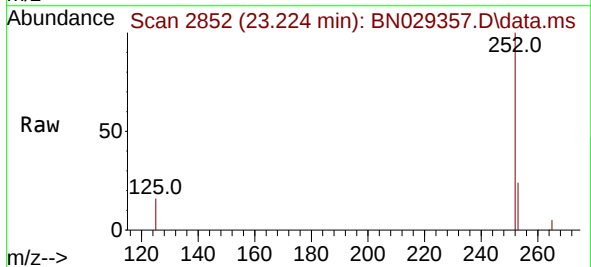
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

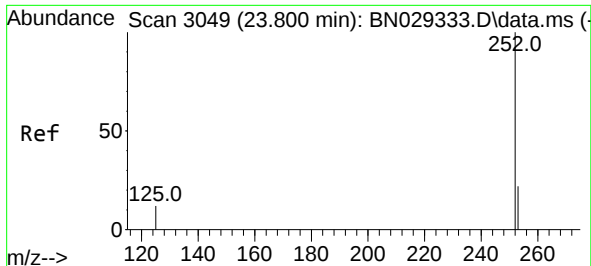
Tgt Ion:252 Resp: 21878  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.7 28.1  
125 13.4 9.7 14.5



#38  
Benzo(k)fluoranthene  
Concen: 0.348 ng  
RT: 23.224 min Scan# 2852  
Delta R.T. -0.003 min  
Lab File: BN029357.D  
Acq: 23 Jan 2024 21:36

Tgt Ion:252 Resp: 22128  
Ion Ratio Lower Upper  
252 100  
253 23.7 18.8 28.2  
125 16.0 9.7 14.5#





#39

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.794 min Scan# 3049

Delta R.T. -0.006 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

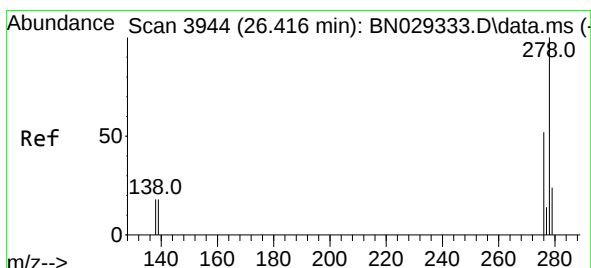
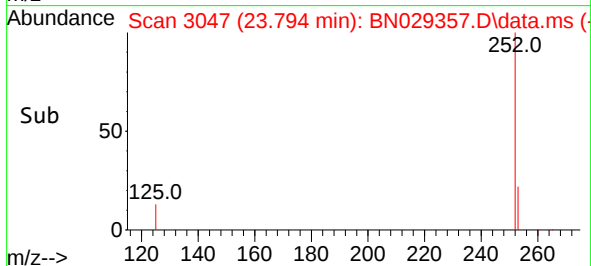
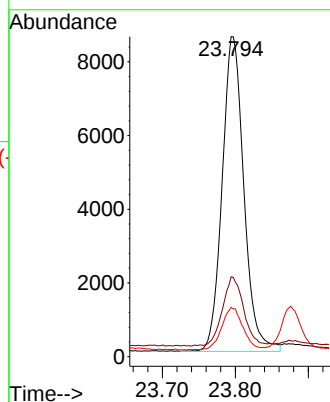
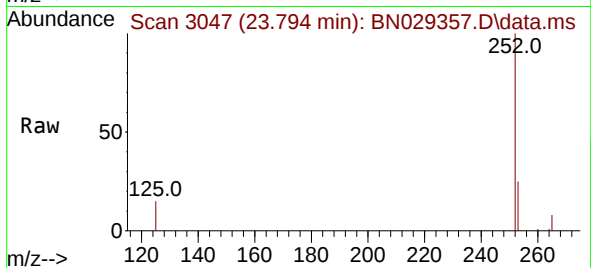
Tgt Ion:252 Resp: 17686

Ion Ratio Lower Upper

252 100

253 24.9 19.6 29.4

125 15.4 11.6 17.4



#40

Dibenzo(a,h)anthracene

Concen: 0.338 ng

RT: 26.414 min Scan# 3943

Delta R.T. -0.003 min

Lab File: BN029357.D

Acq: 23 Jan 2024 21:36

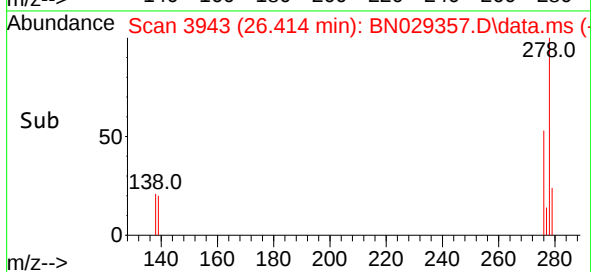
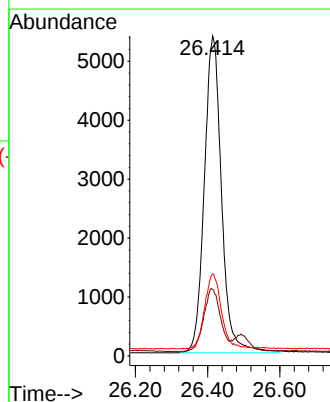
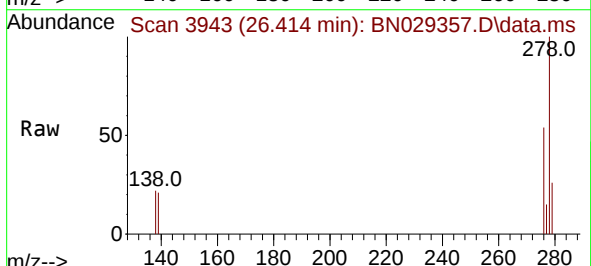
Tgt Ion:278 Resp: 17779

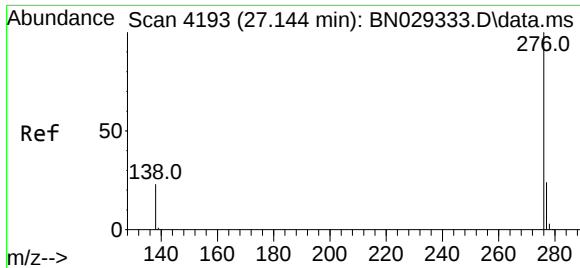
Ion Ratio Lower Upper

278 100

139 20.7 15.7 23.5

279 25.7 20.5 30.7





#41

Benzo(g,h,i)perylene

Concen: 0.336 ng

RT: 27.145 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN029357.D

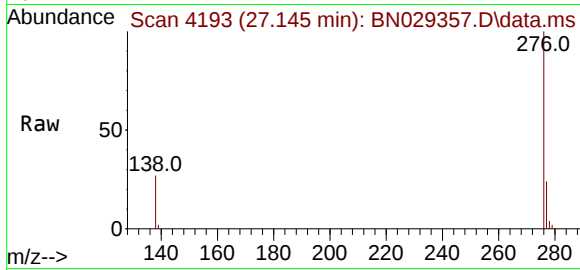
Acq: 23 Jan 2024 21:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:276 Resp: 18950

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 27.0 19.5 29.3

