

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090924\  
 Data File : BN033835.D  
 Acq On : 10 Sep 2024 02:20  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Sep 10 03:21:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 18:36:01 2024  
 Response via : Initial Calibration

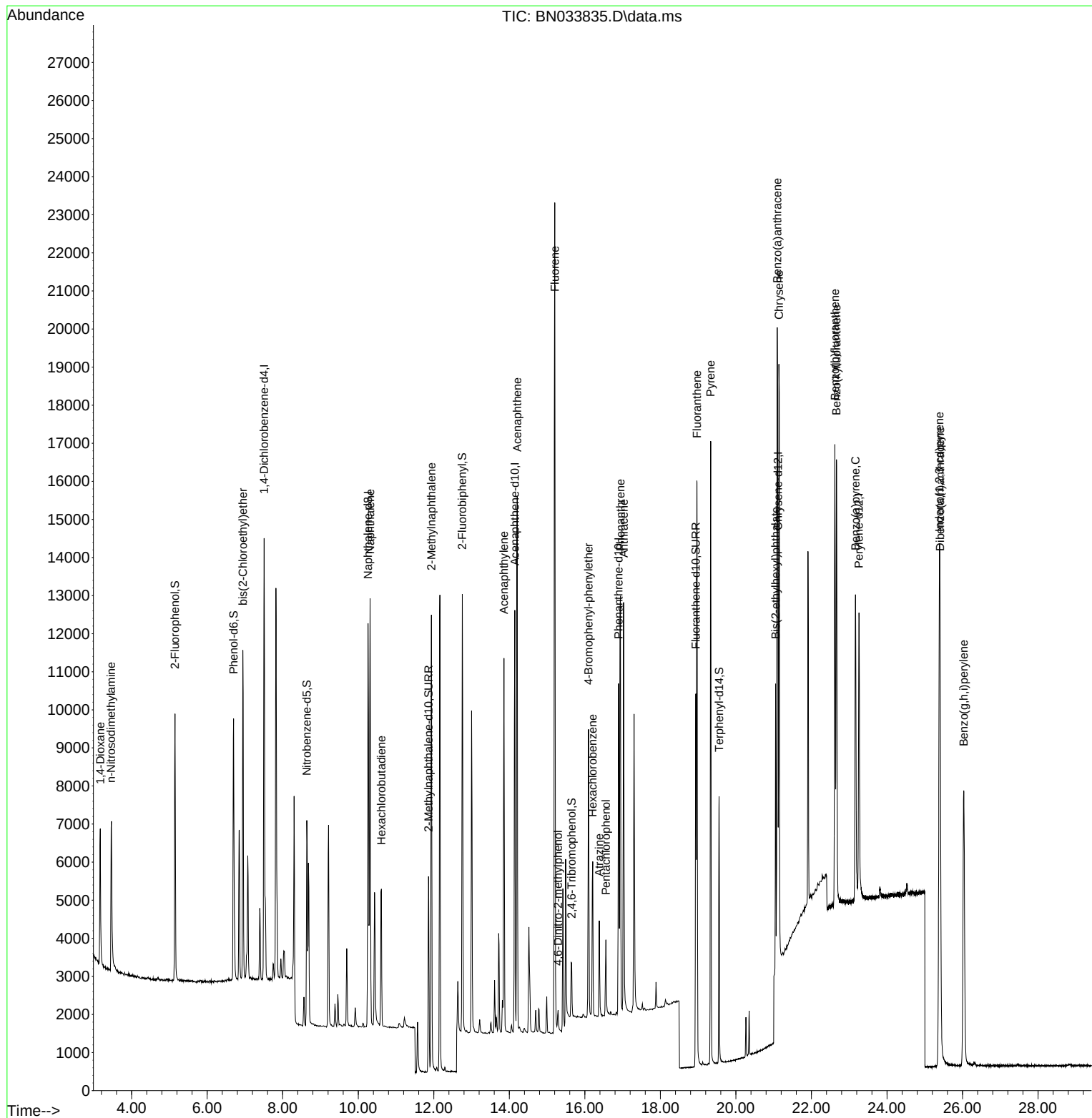
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.509  | 152  | 5376     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.261 | 136  | 13580    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.146 | 164  | 6125     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.892 | 188  | 11861    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.112 | 240  | 9034     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.259 | 264  | 9675     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.147  | 112  | 5350     | 0.325 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.700  | 99   | 6165     | 0.316 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.638  | 82   | 4353     | 0.376 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.862 | 152  | 7006     | 0.365 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.651 | 330  | 946      | 0.306 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.756 | 172  | 10183    | 0.399 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.938 | 212  | 10860    | 0.371 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.555 | 244  | 6795     | 0.353 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.168  | 88   | 2439     | 0.399 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.457  | 42   | 2906     | 0.405 | ng    | 93       |
| 6) bis(2-Chloroethyl)ether    | 6.945  | 93   | 5714     | 0.389 | ng    | 98       |
| 9) Naphthalene                | 10.314 | 128  | 14407    | 0.397 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.613 | 225  | 3099     | 0.410 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.937 | 142  | 8625     | 0.388 | ng    | 98       |
| 16) Acenaphthylene            | 13.857 | 152  | 10195    | 0.385 | ng    | 100      |
| 17) Acenaphthene              | 14.210 | 154  | 7289     | 0.402 | ng    | 99       |
| 18) Fluorene                  | 15.204 | 166  | 8960     | 0.400 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.290 | 198  | 431      | 0.230 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 16.098 | 248  | 2722     | 0.396 | ng    | # 83     |
| 22) Hexachlorobenzene         | 16.209 | 284  | 3238     | 0.411 | ng    | 97       |
| 23) Atrazine                  | 16.383 | 200  | 1973     | 0.360 | ng    | # 94     |
| 24) Pentachlorophenol         | 16.557 | 266  | 1038     | 0.322 | ng    | 99       |
| 25) Phenanthrene              | 16.942 | 178  | 13041    | 0.399 | ng    | 99       |
| 26) Anthracene                | 17.029 | 178  | 11005    | 0.387 | ng    | 100      |
| 28) Fluoranthene              | 18.970 | 202  | 14372    | 0.392 | ng    | 99       |
| 30) Pyrene                    | 19.332 | 202  | 14746    | 0.405 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.094 | 228  | 12620    | 0.391 | ng    | 99       |
| 33) Chrysene                  | 21.139 | 228  | 13287    | 0.417 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.050 | 149  | 6546     | 0.372 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.387 | 276  | 16457    | 0.412 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.621 | 252  | 14161    | 0.398 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.662 | 252  | 14318    | 0.413 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.165 | 252  | 11740    | 0.395 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.405 | 278  | 13177    | 0.411 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.030 | 276  | 14450    | 0.416 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

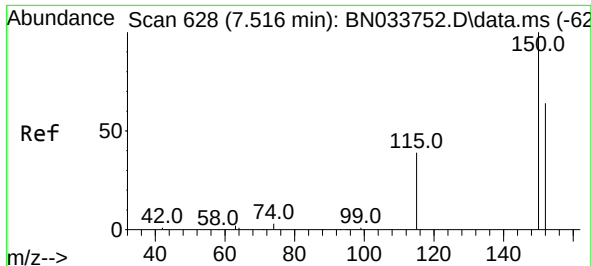
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090924\  
Data File : BN033835.D  
Acq On : 10 Sep 2024 02:20  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

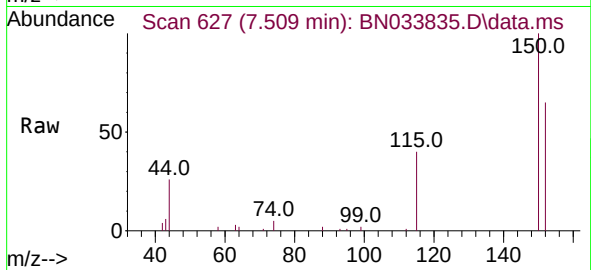
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 04 18:36:01 2024  
Response via : Initial Calibration



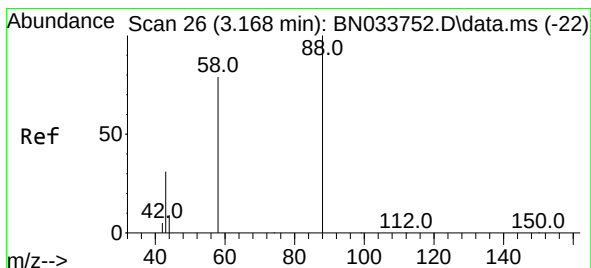
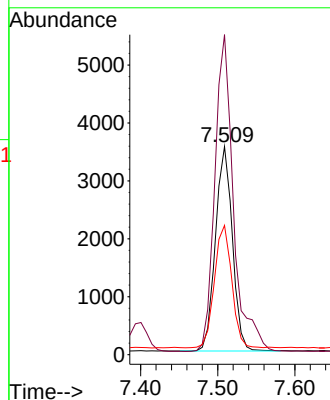
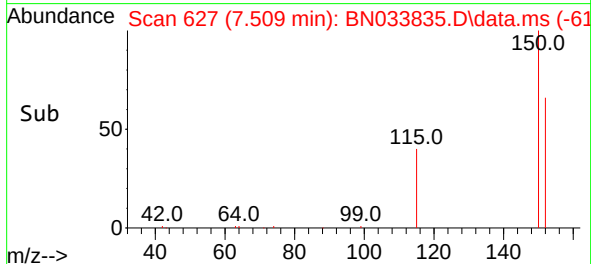


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.509 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN033835.D  
 Acq: 10 Sep 2024 02:20

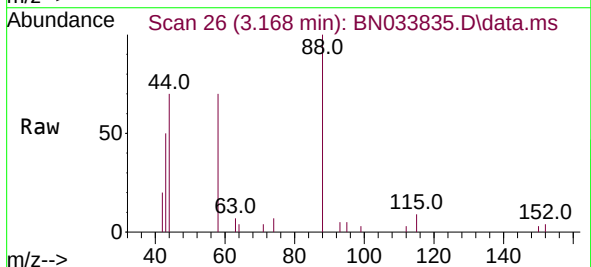
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



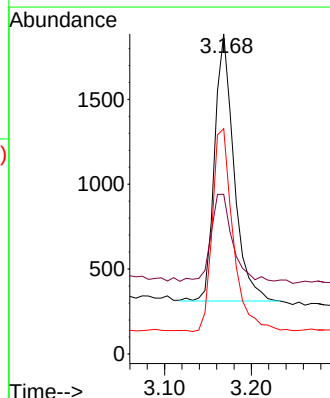
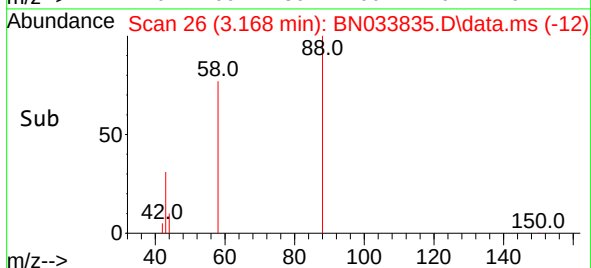
Tgt Ion:152 Resp: 5376  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 123.3 184.9  
 115 62.1 51.0 76.4

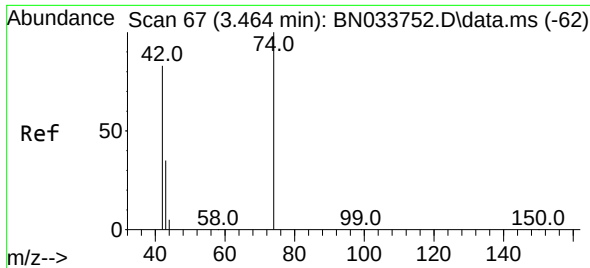


#2  
 1,4-Dioxane  
 Concen: 0.399 ng  
 RT: 3.168 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN033835.D  
 Acq: 10 Sep 2024 02:20



Tgt Ion: 88 Resp: 2439  
 Ion Ratio Lower Upper  
 88 100  
 43 36.0 29.0 43.4  
 58 81.8 64.1 96.1

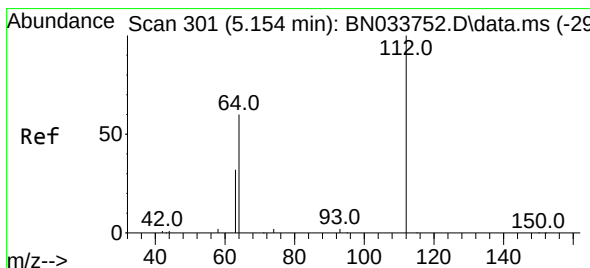
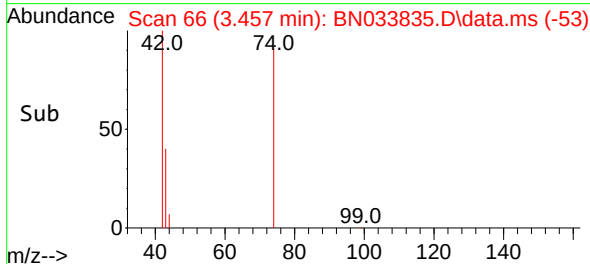
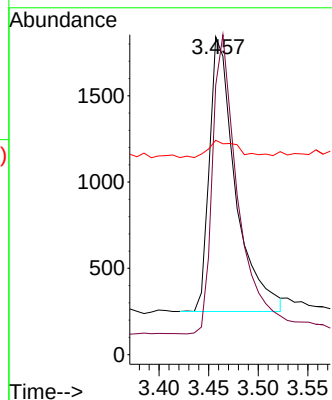
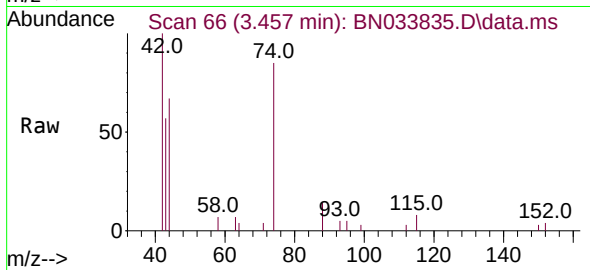




#3  
n-Nitrosodimethylamine  
Concen: 0.405 ng  
RT: 3.457 min Scan# 60  
Delta R.T. -0.007 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

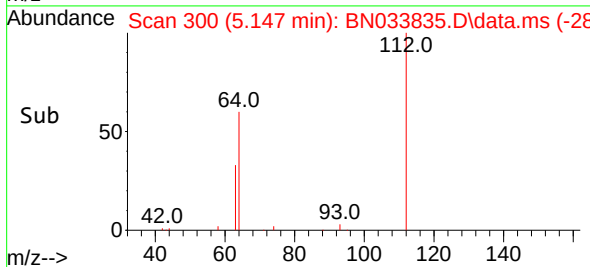
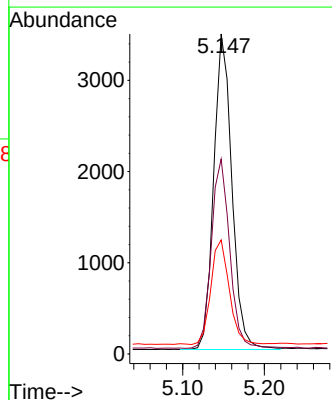
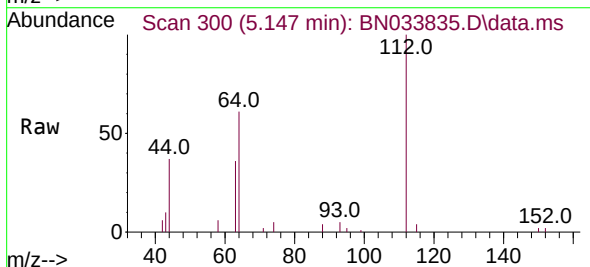
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

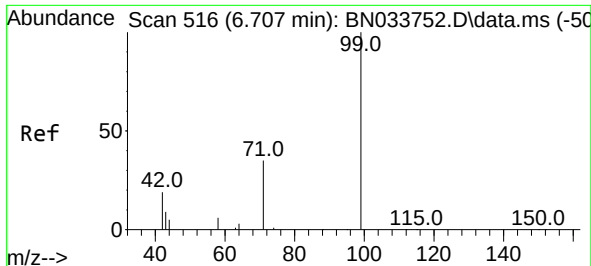
Tgt Ion: 42 Resp: 2906  
Ion Ratio Lower Upper  
42 100  
74 109.0 93.5 140.3  
44 7.4 7.4 11.0



#4  
2-Fluorophenol  
Concen: 0.325 ng  
RT: 5.147 min Scan# 300  
Delta R.T. -0.007 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion: 112 Resp: 5350  
Ion Ratio Lower Upper  
112 100  
64 60.7 47.6 71.4  
63 33.5 25.9 38.9





#5

Phenol-d6

Concen: 0.316 ng

RT: 6.700 min Scan# 516

Delta R.T. -0.007 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

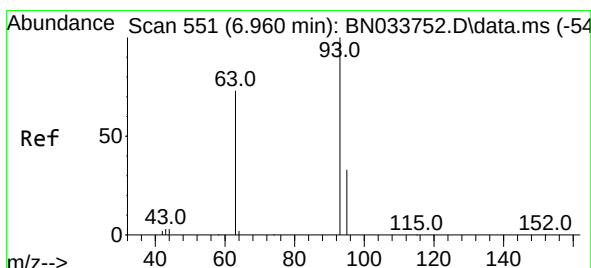
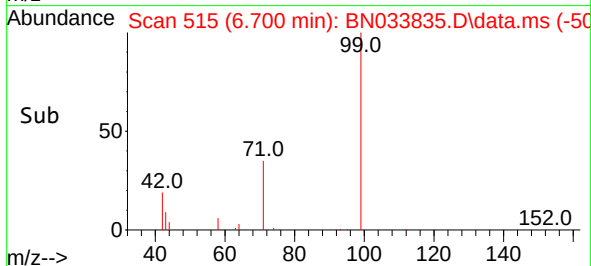
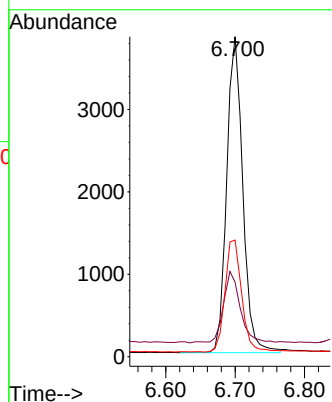
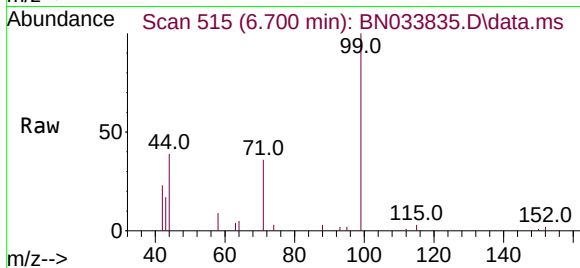
Tgt Ion: 99 Resp: 6165

Ion Ratio Lower Upper

99 100

42 24.2 18.0 27.0

71 37.3 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 6.945 min Scan# 549

Delta R.T. -0.015 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

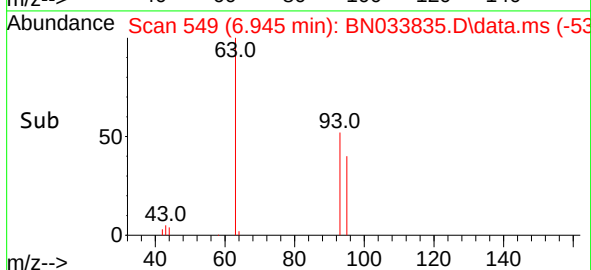
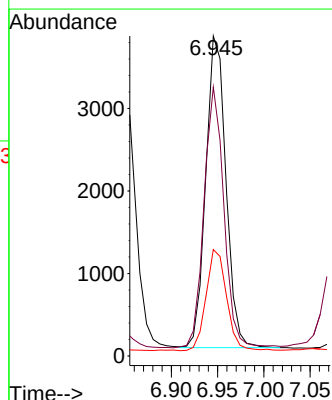
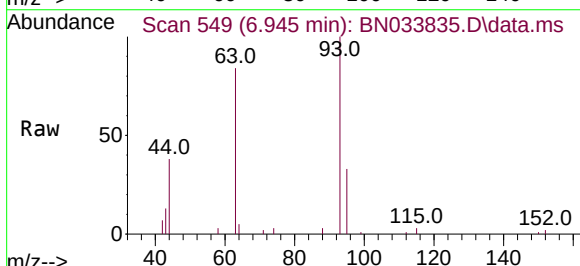
Tgt Ion: 93 Resp: 5714

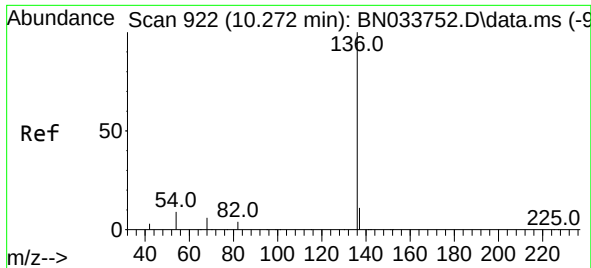
Ion Ratio Lower Upper

93 100

63 83.0 64.4 96.6

95 33.1 26.5 39.7

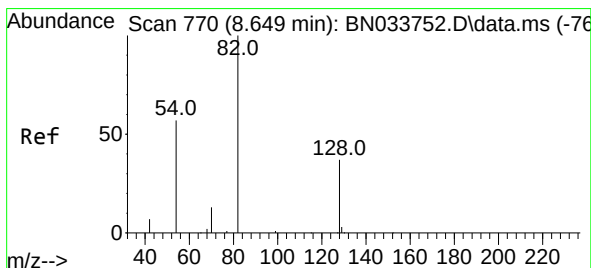
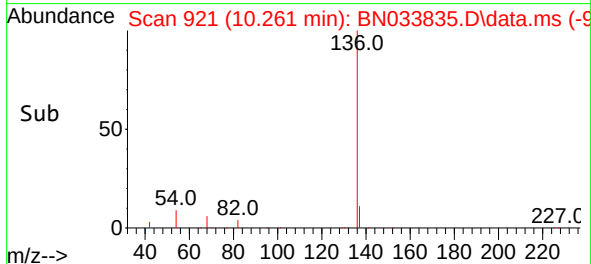
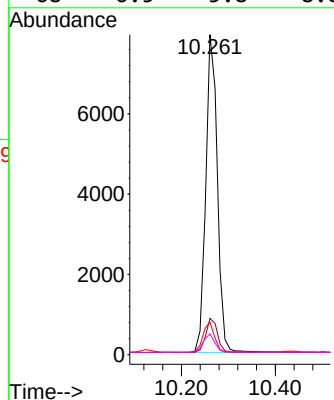
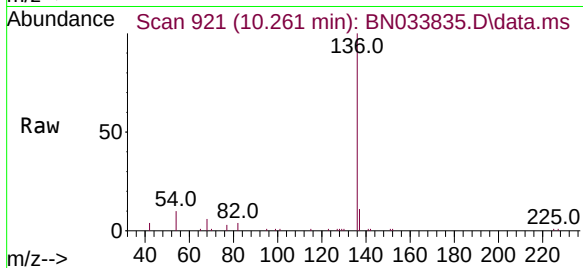




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.261 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

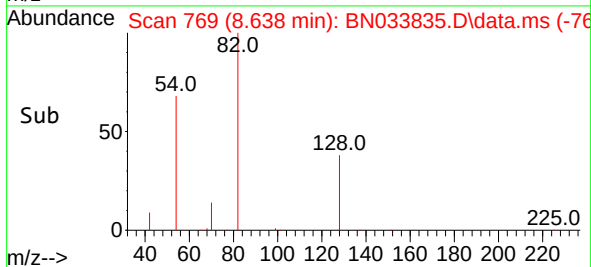
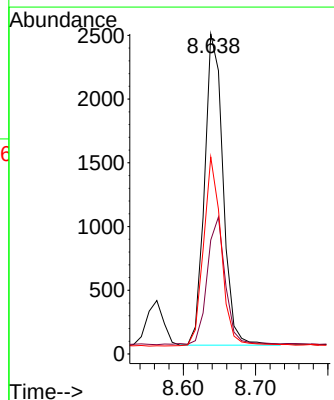
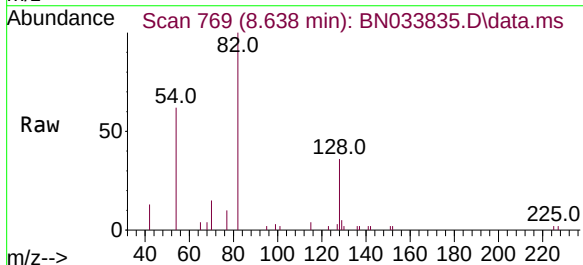
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

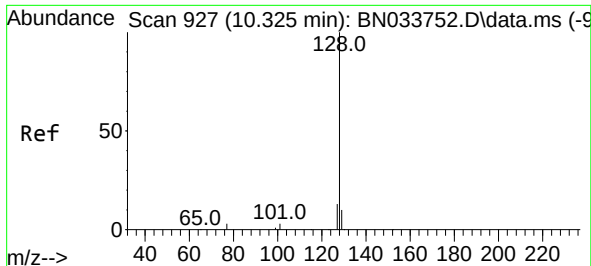
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 13580    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 9.0 13.4 |
| 54          | 10.2  | 8.1 12.1 |
| 68          | 6.5   | 5.8 8.8  |



#8  
Nitrobenzene-d5  
Concen: 0.376 ng  
RT: 8.638 min Scan# 769  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 4353      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 35.6  | 31.3 46.9 |
| 54          | 61.6  | 46.9 70.3 |

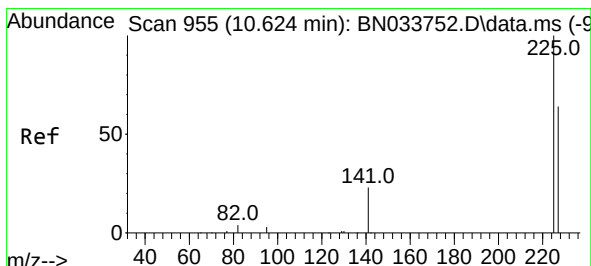
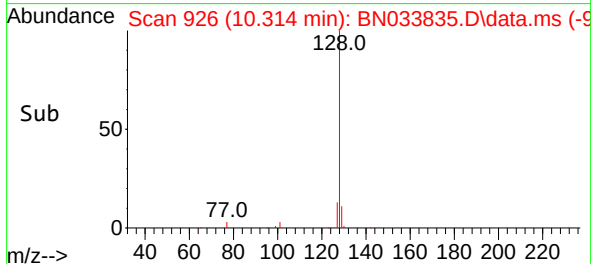
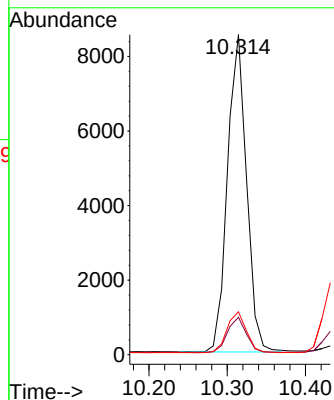
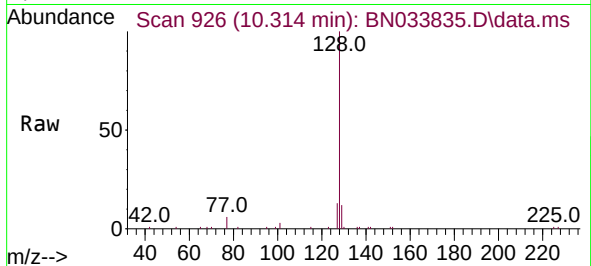




#9  
Naphthalene  
Concen: 0.397 ng  
RT: 10.314 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

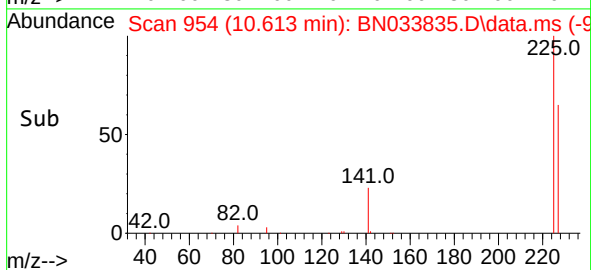
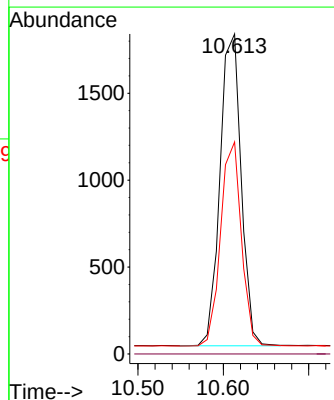
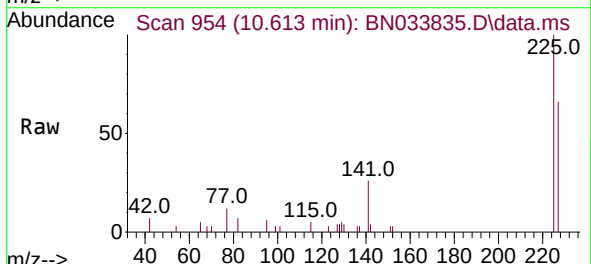
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SSTDCCC0.4EC

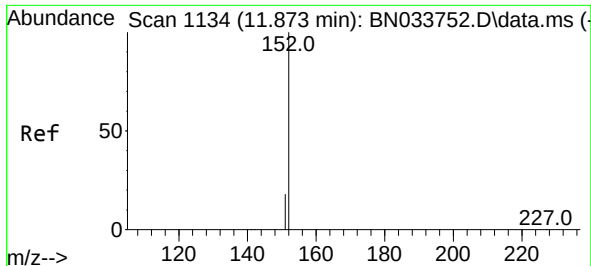
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Ion Ratio Lower Upper  
128 100  
129 11.7 8.9 13.3  
127 13.4 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.410 ng  
RT: 10.613 min Scan# 954  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:225 Resp: 3099  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.1 51.2 76.8

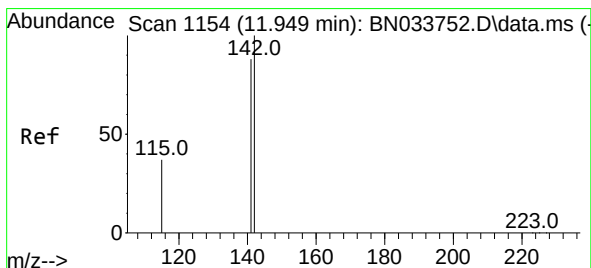
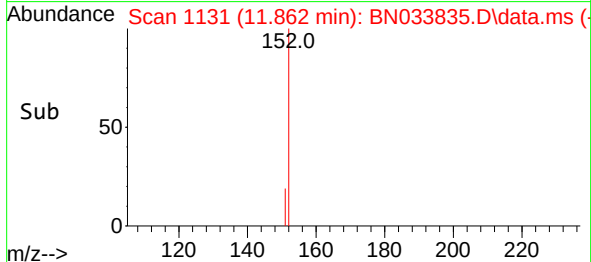
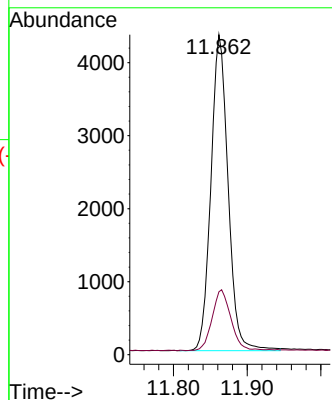
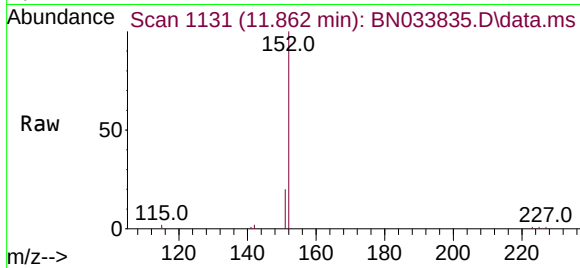




#11  
2-Methylnaphthalene-d10  
Concen: 0.365 ng  
RT: 11.862 min Scan# 1134  
Delta R.T. -0.012 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

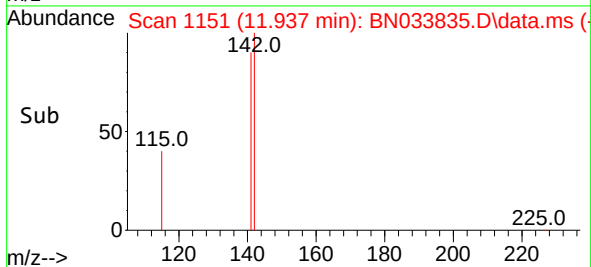
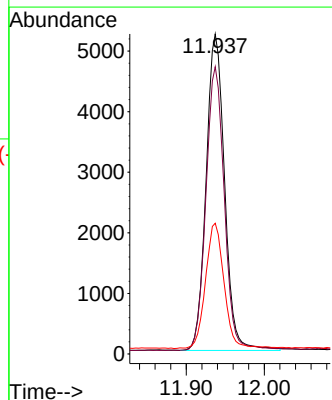
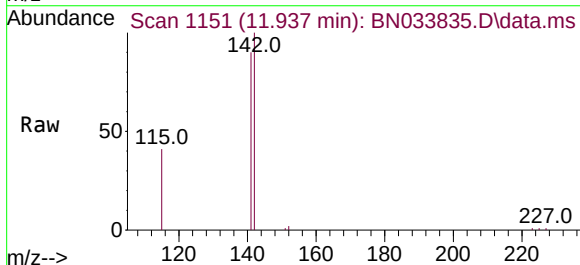
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7006  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.7 25.1

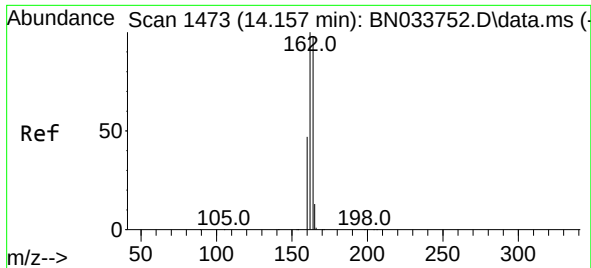


#12  
2-Methylnaphthalene  
Concen: 0.388 ng  
RT: 11.937 min Scan# 1151  
Delta R.T. -0.012 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:142 Resp: 8625  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.9 106.3  
115 40.9 31.0 46.4



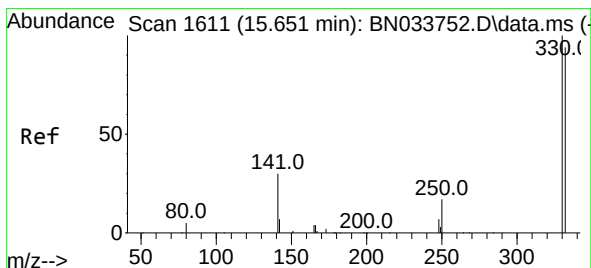
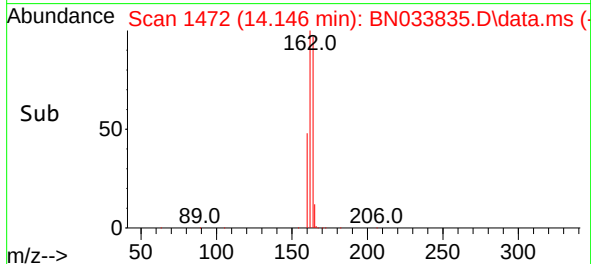
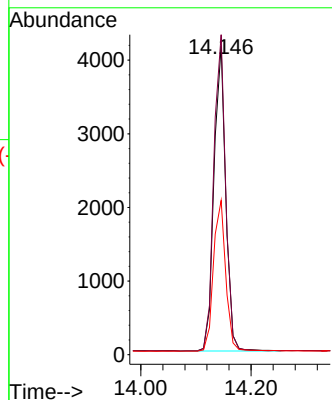
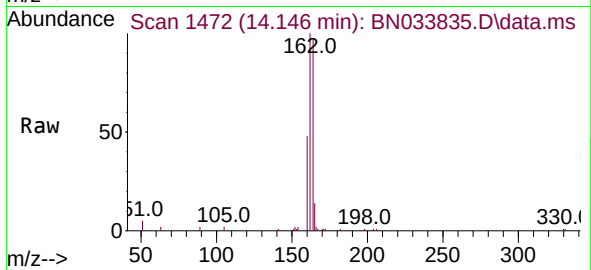




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.146 min Scan# 1472  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

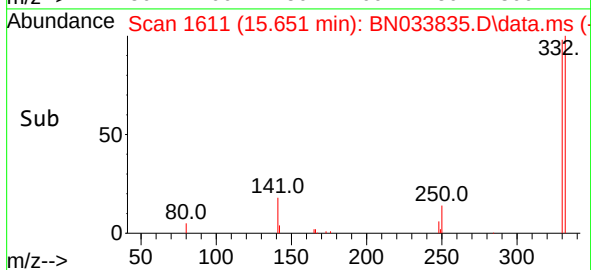
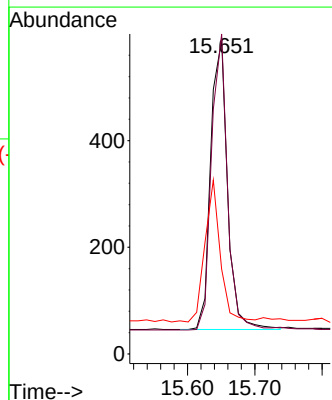
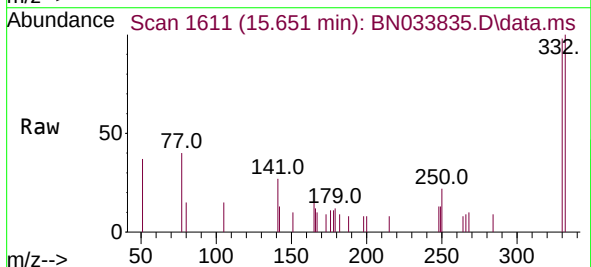
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

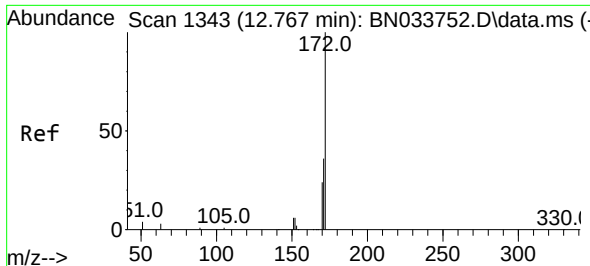
Tgt Ion:164 Resp: 6125  
Ion Ratio Lower Upper  
164 100  
162 103.6 82.0 123.0  
160 49.9 39.1 58.7



#14  
2,4,6-Tribromophenol  
Concen: 0.306 ng  
RT: 15.651 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:330 Resp: 946  
Ion Ratio Lower Upper  
330 100  
332 96.7 74.2 111.4  
141 44.8 33.9 50.9

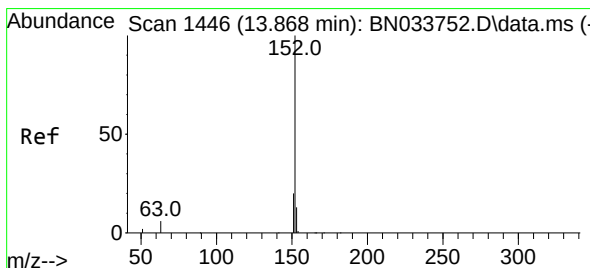
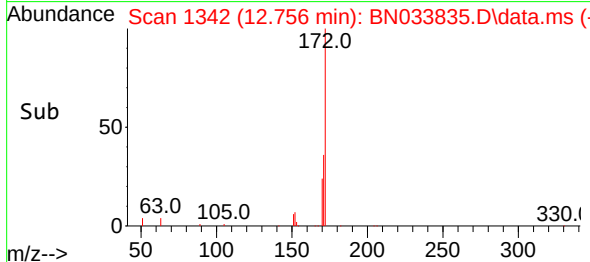
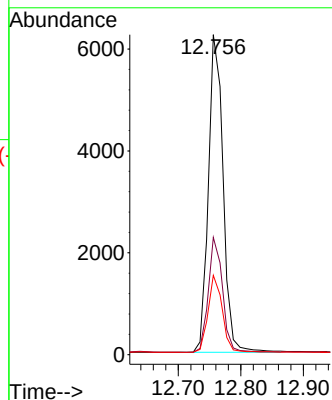
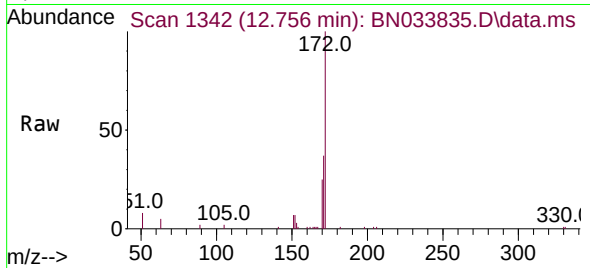




#15  
2-Fluorobiphenyl  
Concen: 0.399 ng  
RT: 12.756 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

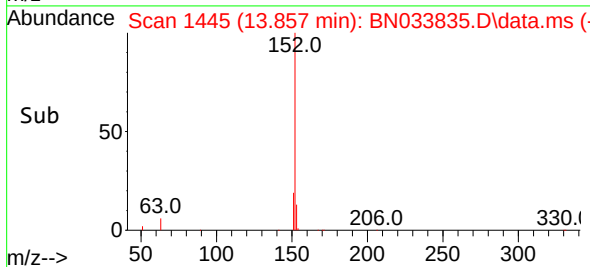
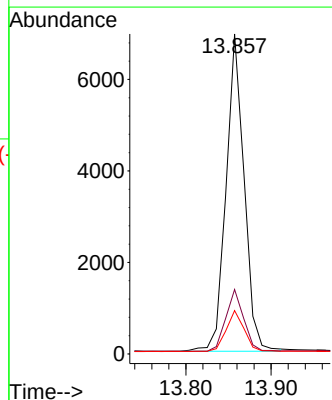
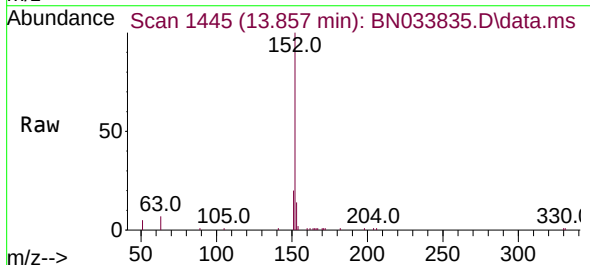
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

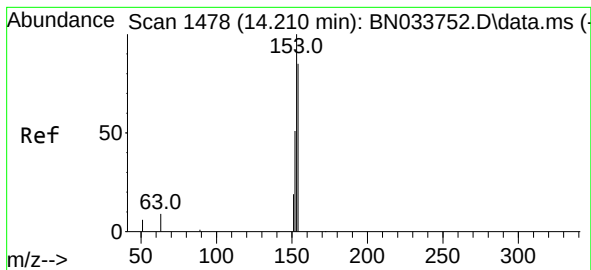
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 10183     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 36.7  | 28.8 43.2 |
| 170         | 24.8  | 19.7 29.5 |



#16  
Acenaphthylene  
Concen: 0.385 ng  
RT: 13.857 min Scan# 1445  
Delta R.T. -0.011 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 10195     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.2  | 15.6 23.4 |
| 153         | 12.8  | 10.3 15.5 |





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.210 min Scan# 1478

Delta R.T. -0.000 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

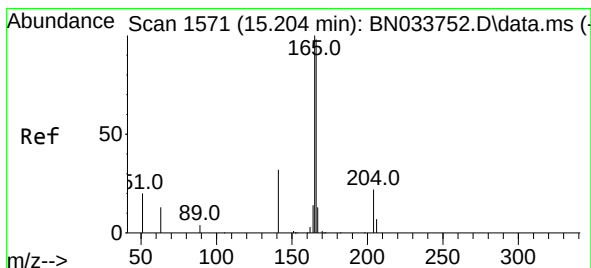
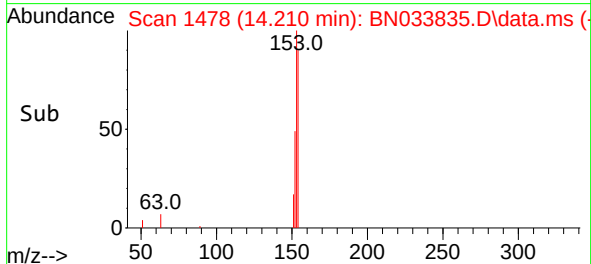
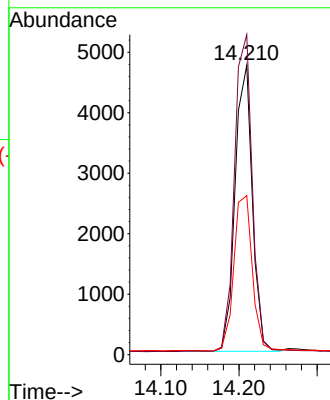
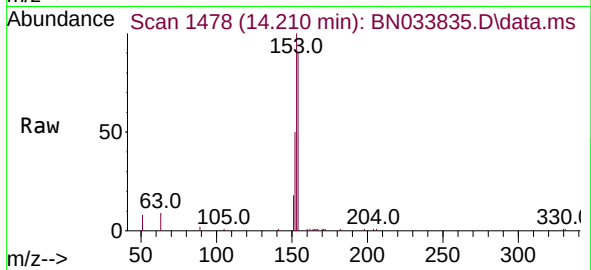
Tgt Ion:154 Resp: 7289

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 154 | 100 |  |  |
|-----|-----|--|--|

|     |       |      |       |
|-----|-------|------|-------|
| 153 | 113.8 | 91.4 | 137.2 |
|-----|-------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 152 | 57.8 | 45.8 | 68.6 |
|-----|------|------|------|



#18

Fluorene

Concen: 0.400 ng

RT: 15.204 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

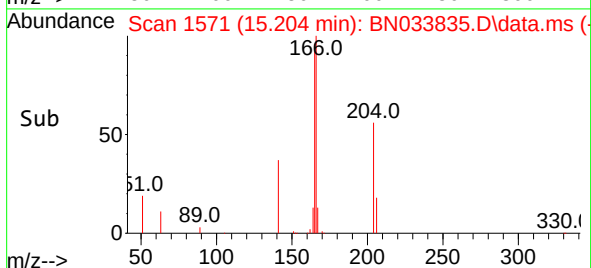
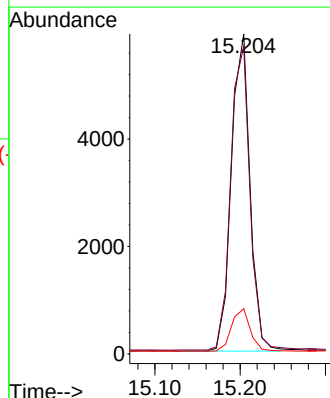
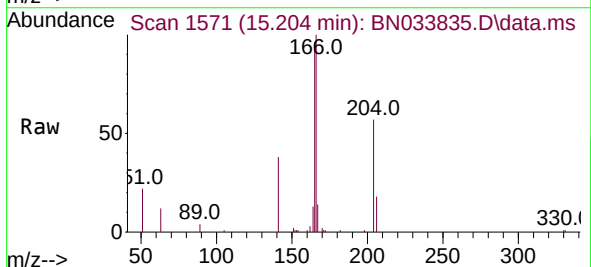
Tgt Ion:166 Resp: 8960

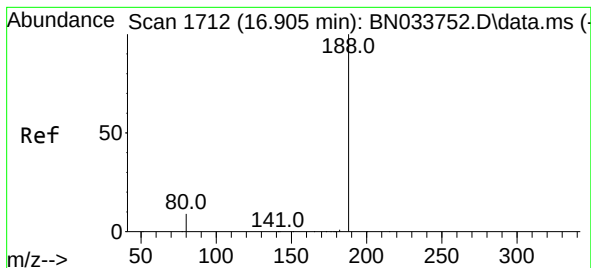
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 166 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 165 | 98.3 | 78.8 | 118.2 |
|-----|------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 167 | 13.5 | 10.6 | 16.0 |
|-----|------|------|------|





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

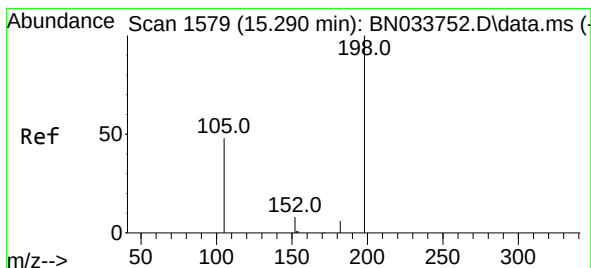
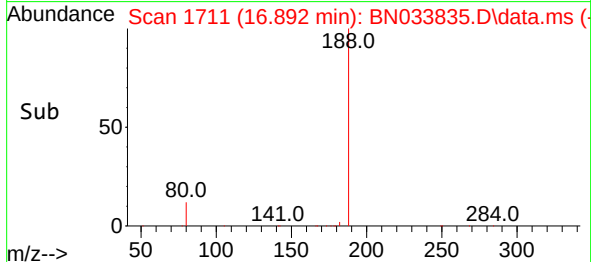
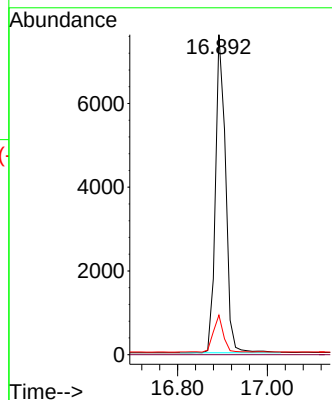
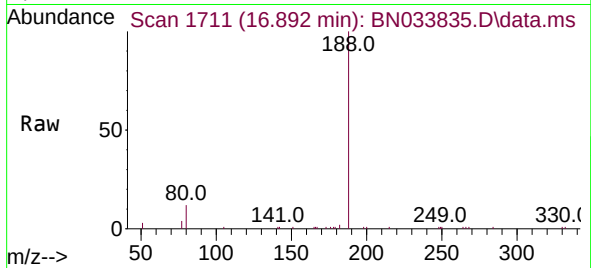
Tgt Ion:188 Resp: 11861

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 7.9 11.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.230 ng

RT: 15.290 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

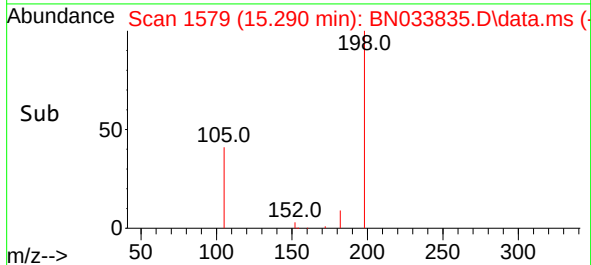
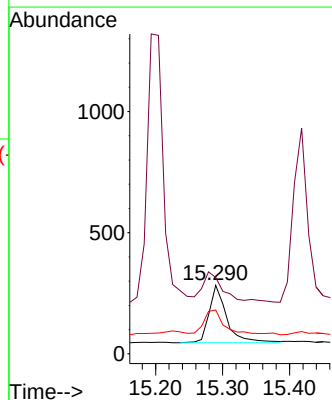
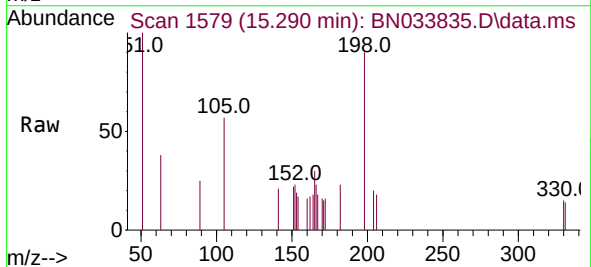
Tgt Ion:198 Resp: 431

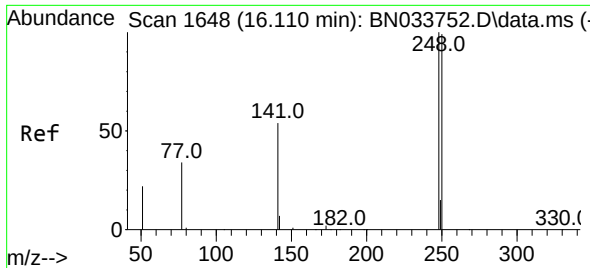
Ion Ratio Lower Upper

198 100

51 111.3 92.8 139.2

105 64.0 59.4 89.0

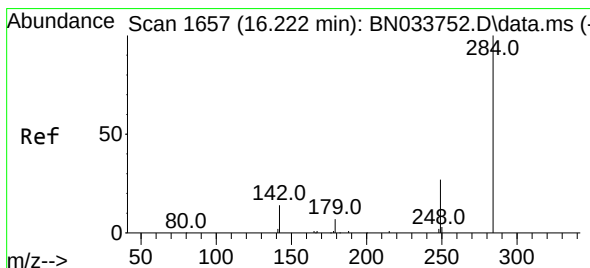
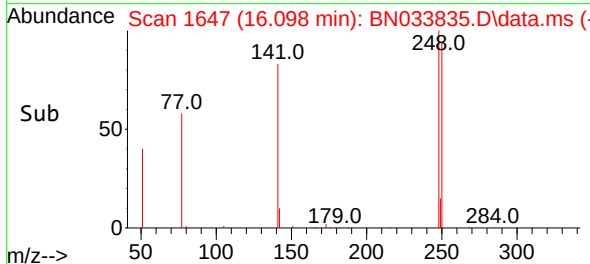
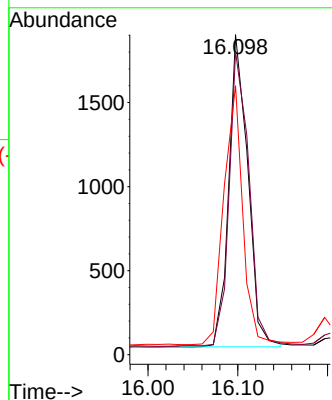
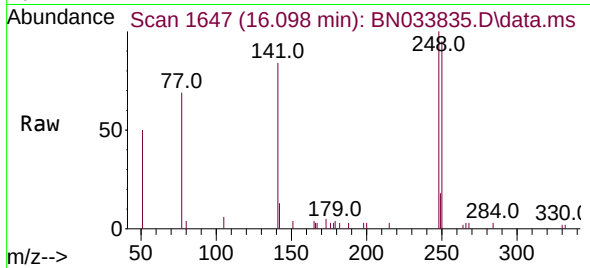




#21  
4-Bromophenyl-phenylether  
Concen: 0.396 ng  
RT: 16.098 min Scan# 1647  
Delta R.T. -0.013 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

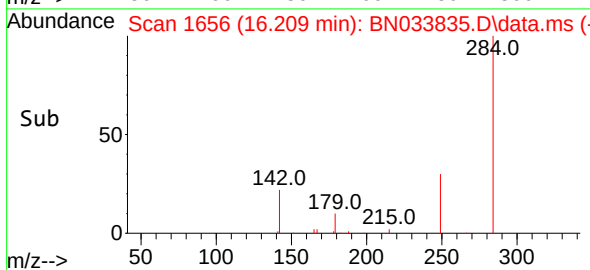
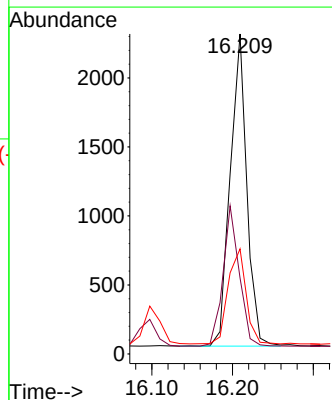
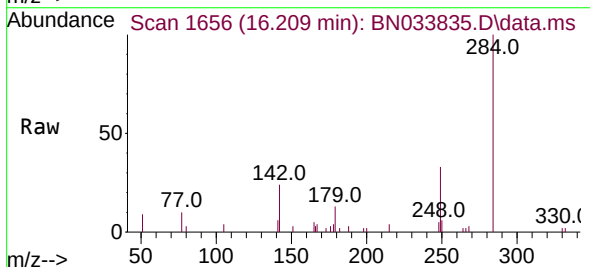
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

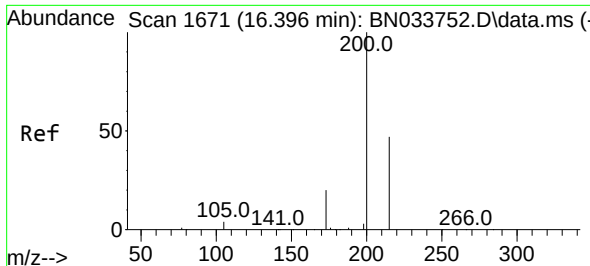
Tgt Ion:248 Resp: 2722  
Ion Ratio Lower Upper  
248 100  
250 94.7 79.5 119.3  
141 84.0 44.9 67.3#



#22  
Hexachlorobenzene  
Concen: 0.411 ng  
RT: 16.209 min Scan# 1656  
Delta R.T. -0.013 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:284 Resp: 3238  
Ion Ratio Lower Upper  
284 100  
142 43.9 32.8 49.2  
249 32.9 26.2 39.2

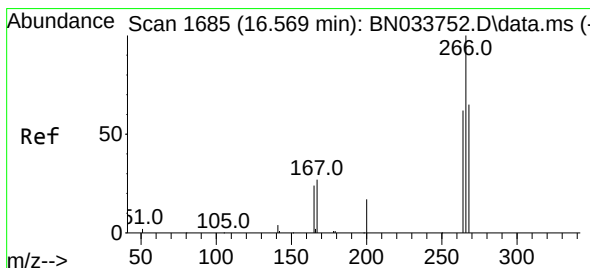
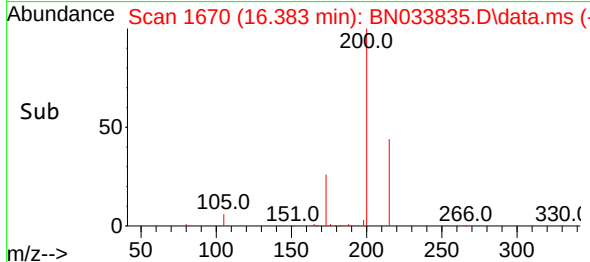
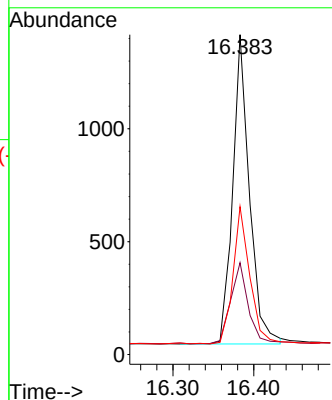
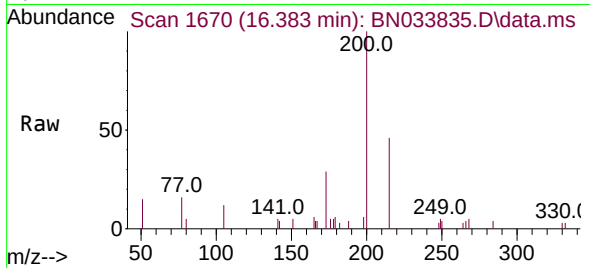




#23  
Atrazine  
Concen: 0.360 ng  
RT: 16.383 min Scan# 1670  
Delta R.T. -0.013 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

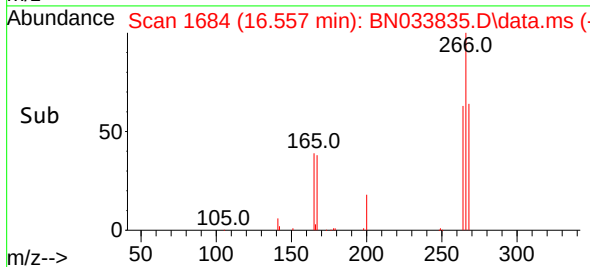
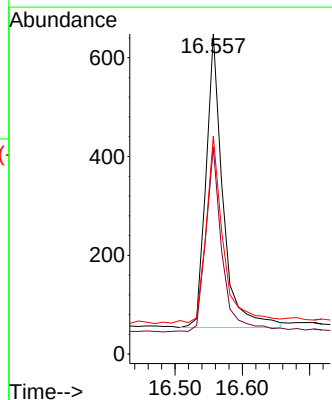
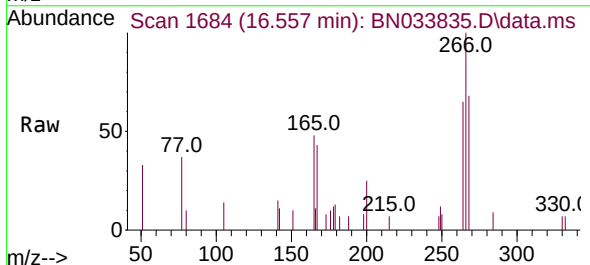
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

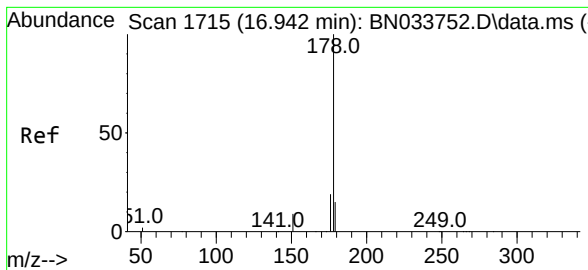
Tgt Ion:200 Resp: 1973  
Ion Ratio Lower Upper  
200 100  
173 28.7 18.2 27.4#  
215 46.2 39.0 58.4



#24  
Pentachlorophenol  
Concen: 0.322 ng  
RT: 16.557 min Scan# 1684  
Delta R.T. -0.013 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:266 Resp: 1038  
Ion Ratio Lower Upper  
266 100  
264 61.1 49.6 74.4  
268 64.8 52.2 78.4

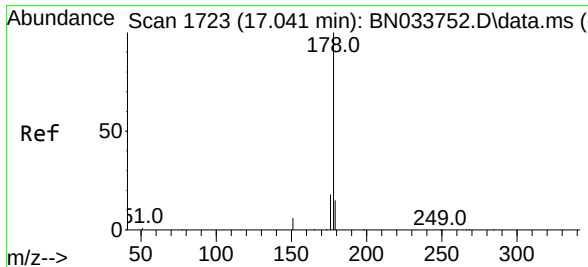
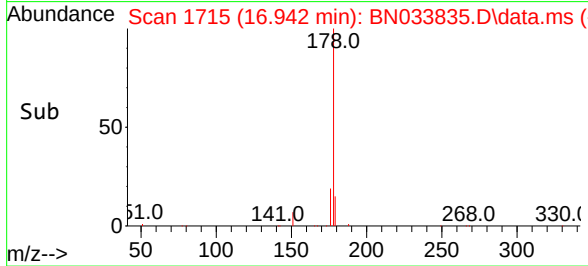
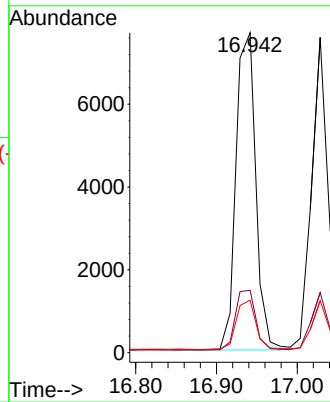
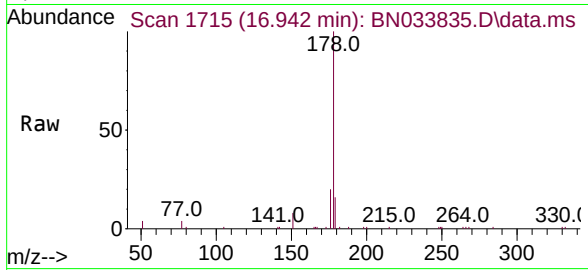




#25  
Phenanthrene  
Concen: 0.399 ng  
RT: 16.942 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

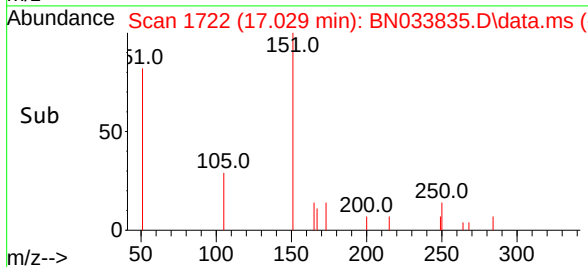
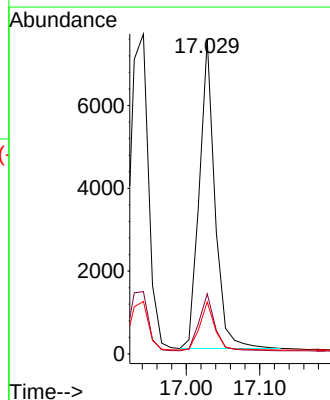
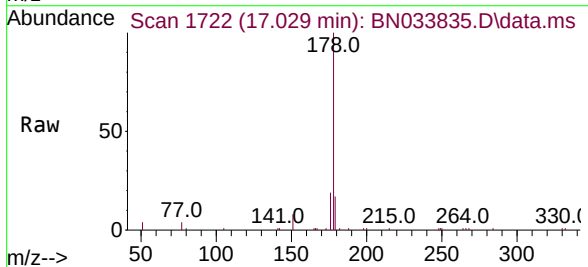
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

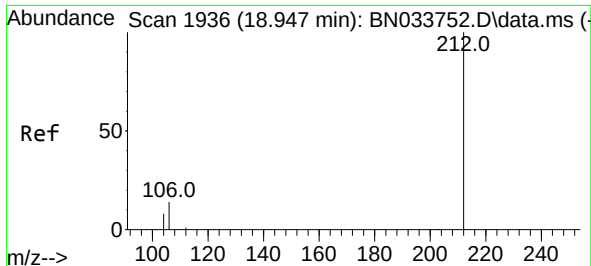
Tgt Ion:178 Resp: 13041  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.387 ng  
RT: 17.029 min Scan# 1722  
Delta R.T. -0.013 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:178 Resp: 11005  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.2 12.4 18.6

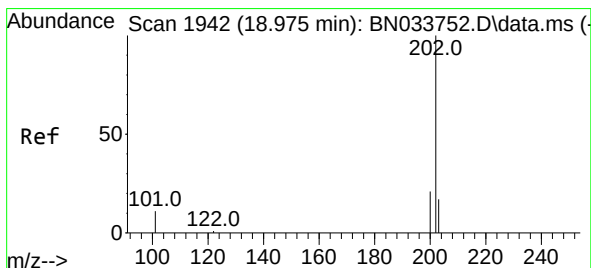
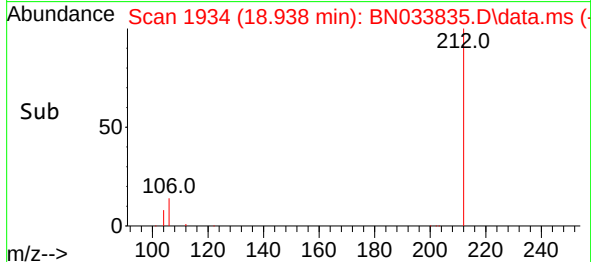
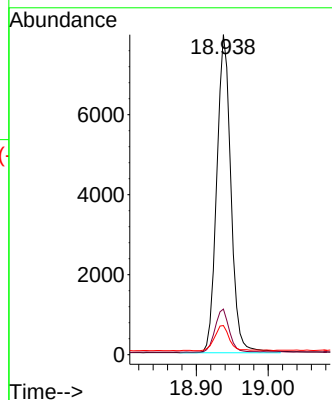
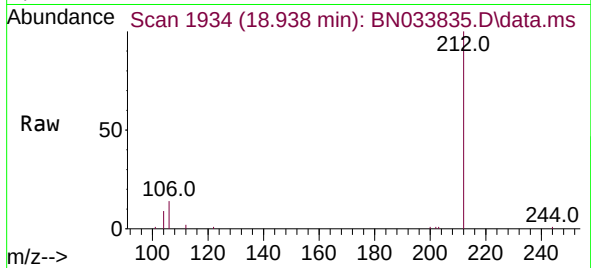




#27  
Fluoranthene-d10  
Concen: 0.371 ng  
RT: 18.938 min Scan# 1934  
Delta R.T. -0.009 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

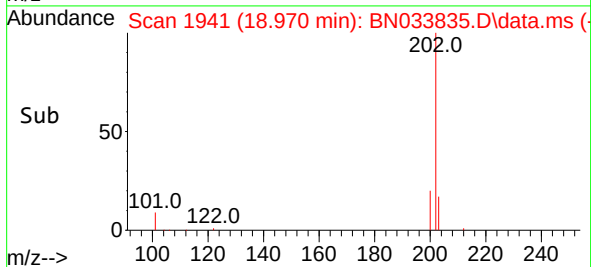
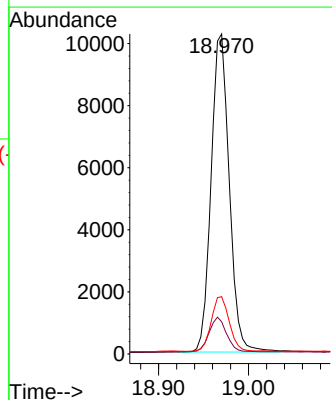
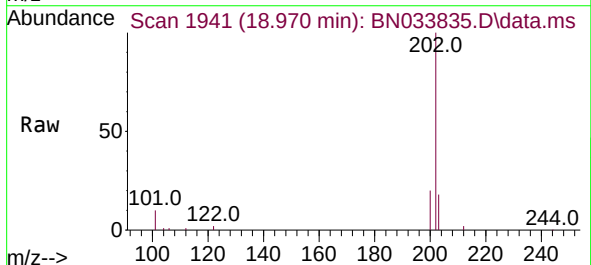
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 10860  
Ion Ratio Lower Upper  
212 100  
106 13.4 11.5 17.3  
104 8.4 6.6 9.8

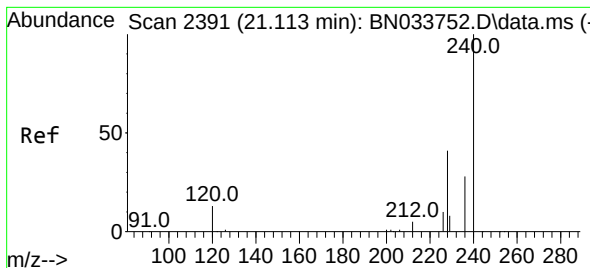


#28  
Fluoranthene  
Concen: 0.392 ng  
RT: 18.970 min Scan# 1941  
Delta R.T. -0.005 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Tgt Ion:202 Resp: 14372  
Ion Ratio Lower Upper  
202 100  
101 10.9 9.2 13.8  
203 17.2 13.8 20.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.112 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

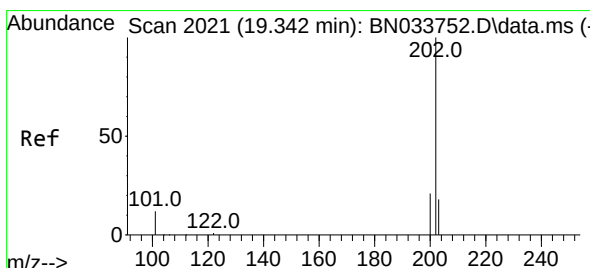
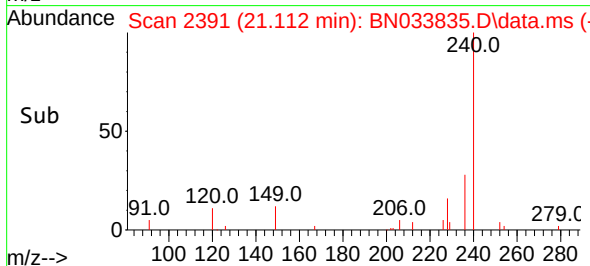
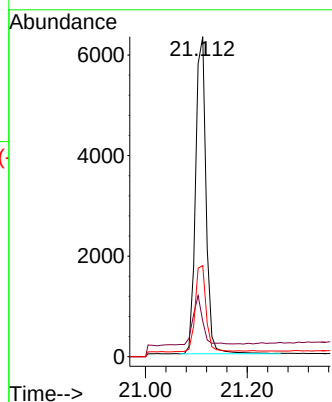
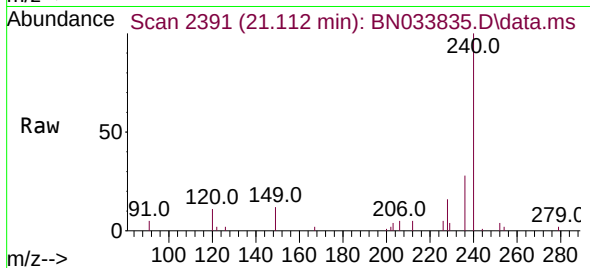
Tgt Ion:240 Resp: 9034

Ion Ratio Lower Upper

240 100

120 11.1 13.7 20.5#

236 28.4 23.4 35.2



#30

Pyrene

Concen: 0.405 ng

RT: 19.332 min Scan# 2019

Delta R.T. -0.010 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

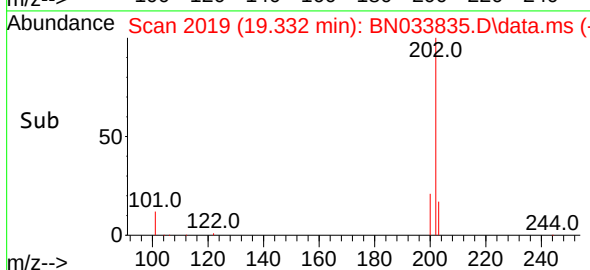
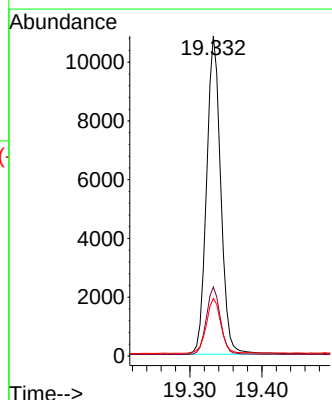
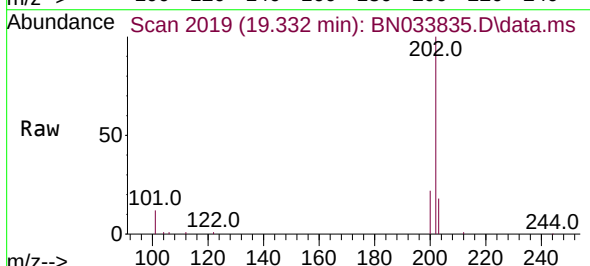
Tgt Ion:202 Resp: 14746

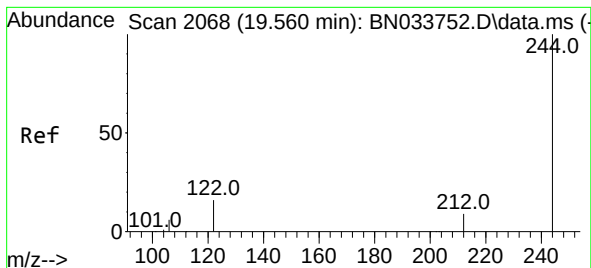
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 18.1 14.4 21.6





#31

Terphenyl-d14

Concen: 0.353 ng

RT: 19.555 min Scan# 2067

Delta R.T. -0.005 min

Lab File: BN033835.D

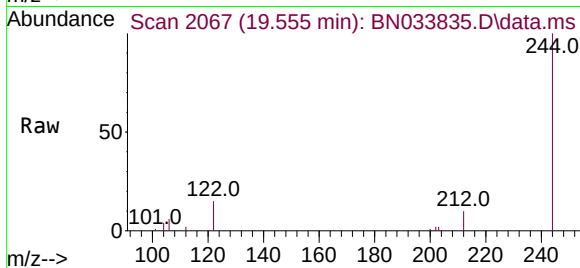
Acq: 10 Sep 2024 02:20

Instrument :

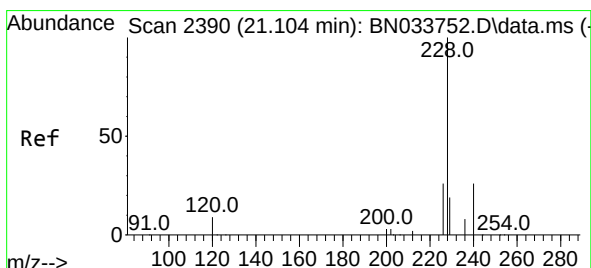
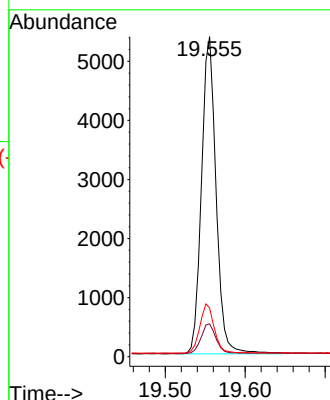
BNA\_N

ClientSampleId :

SSTDCCC0.4EC



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 6795      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 10.3  | 7.9 11.9  |
| 122         | 15.2  | 13.2 19.8 |



#32

Benzo(a)anthracene

Concen: 0.391 ng

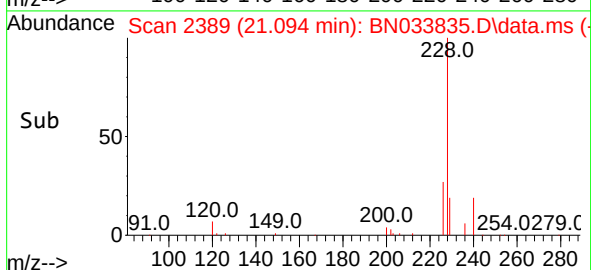
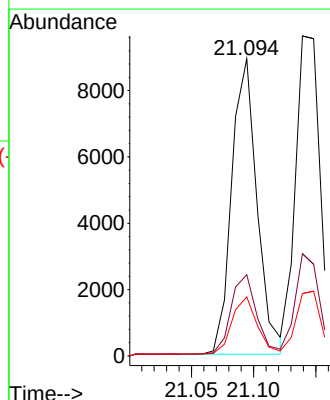
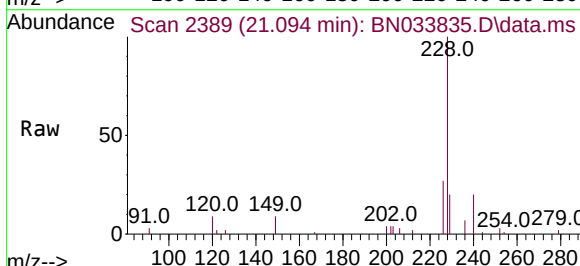
RT: 21.094 min Scan# 2389

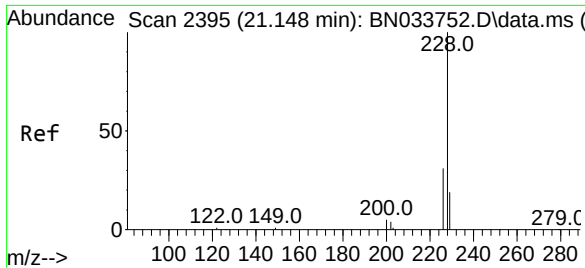
Delta R.T. -0.009 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 12620     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.3  | 21.2 31.8 |
| 229         | 19.9  | 15.9 23.9 |





#33

Chrysene

Concen: 0.417 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

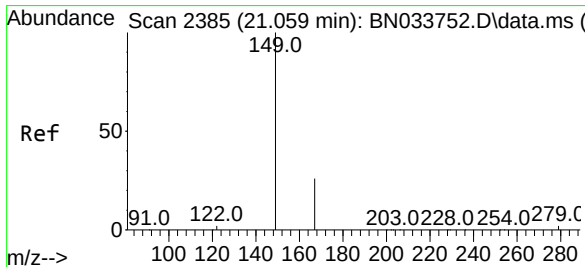
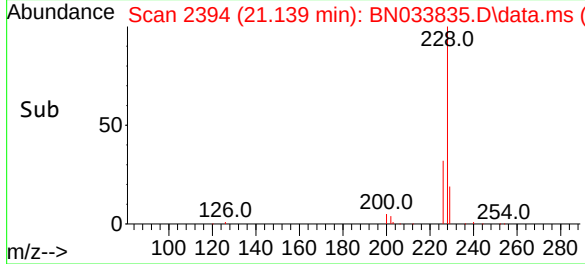
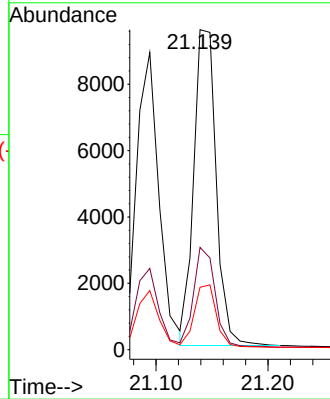
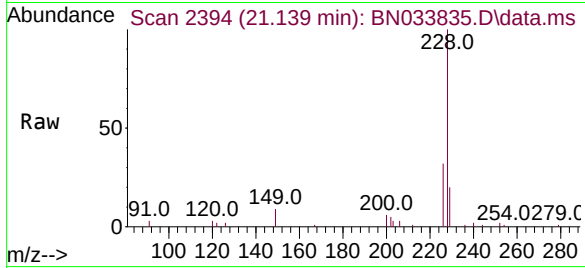
Tgt Ion:228 Resp: 13287

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

229 19.5 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.372 ng

RT: 21.050 min Scan# 2384

Delta R.T. -0.009 min

Lab File: BN033835.D

Acq: 10 Sep 2024 02:20

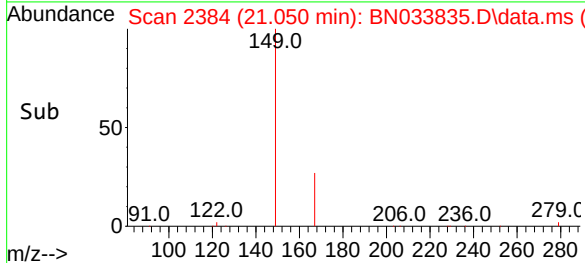
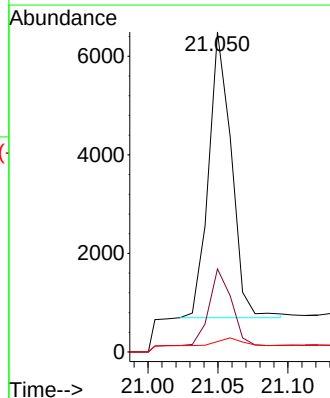
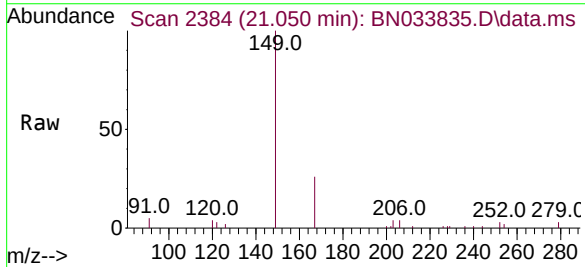
Tgt Ion:149 Resp: 6546

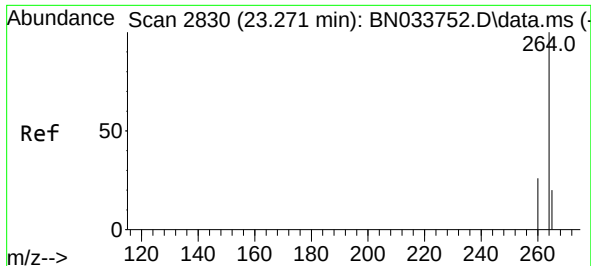
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 2.8 2.4 3.6

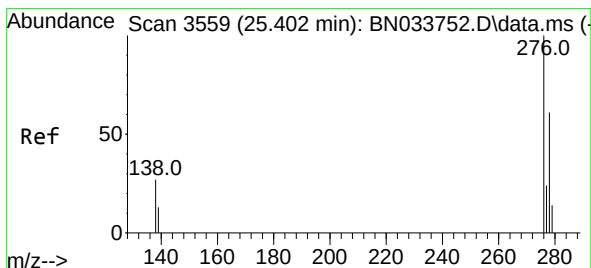
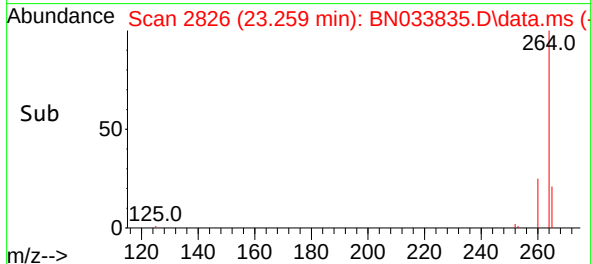
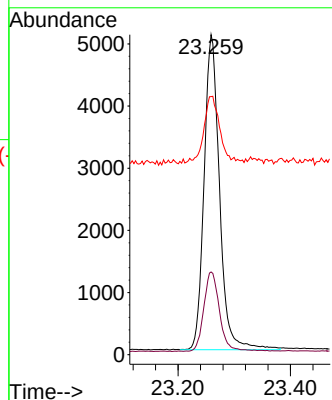
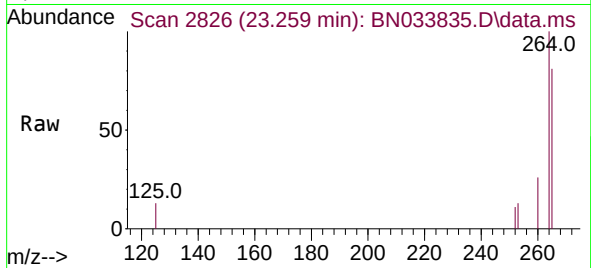




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.259 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BN033835.D  
 Acq: 10 Sep 2024 02:20

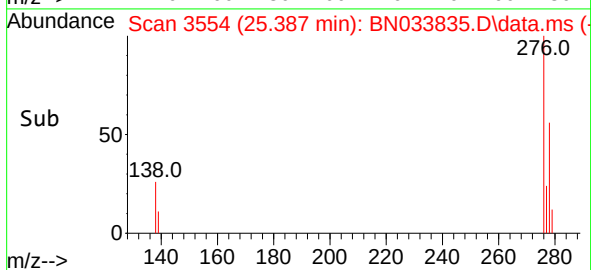
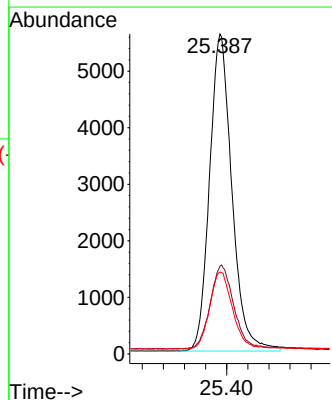
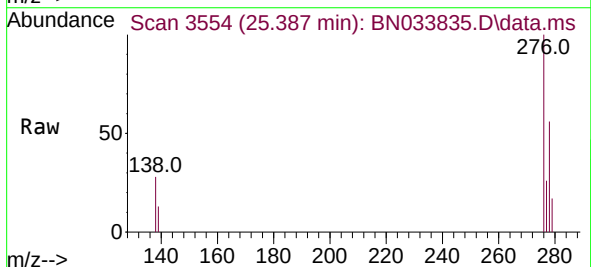
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

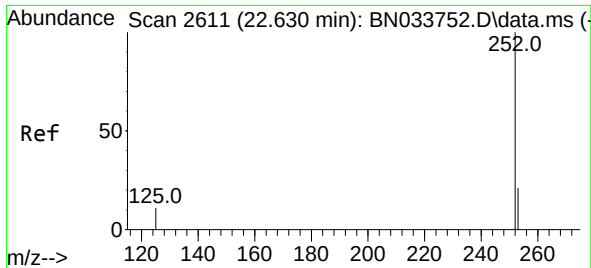
Tgt Ion:264 Resp: 9675  
 Ion Ratio Lower Upper  
 264 100  
 260 25.9 21.1 31.7  
 265 80.7 72.0 108.0



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.412 ng  
 RT: 25.387 min Scan# 3554  
 Delta R.T. -0.015 min  
 Lab File: BN033835.D  
 Acq: 10 Sep 2024 02:20

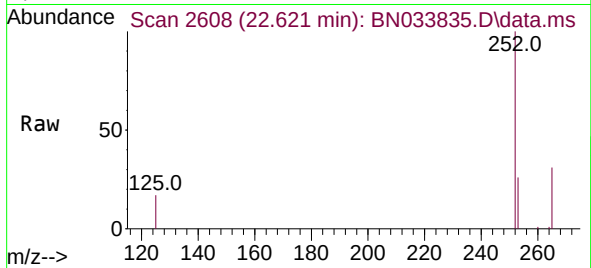
Tgt Ion:276 Resp: 16457  
 Ion Ratio Lower Upper  
 276 100  
 138 27.8 23.0 34.6  
 277 24.9 20.2 30.4



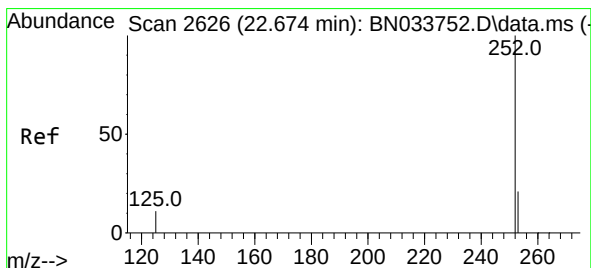
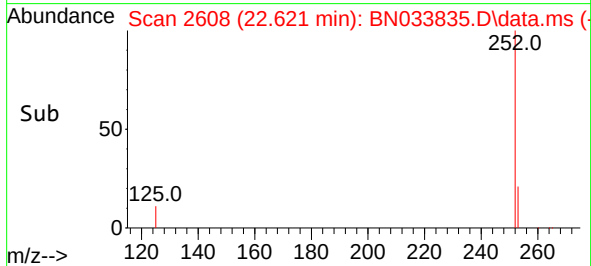
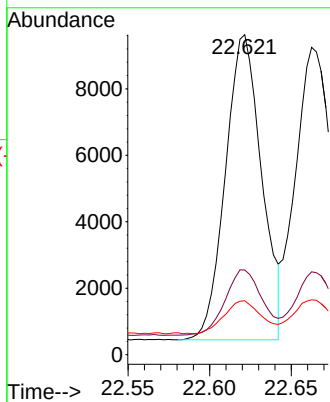


#37  
Benzo(b)fluoranthene  
Concen: 0.398 ng  
RT: 22.621 min Scan# 2608  
Delta R.T. -0.009 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

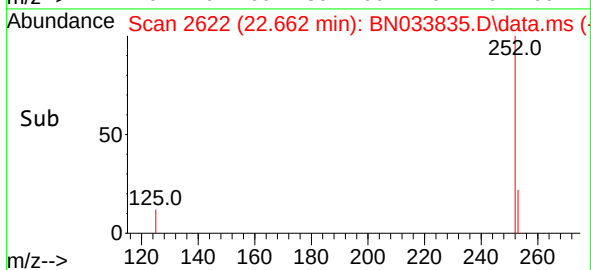
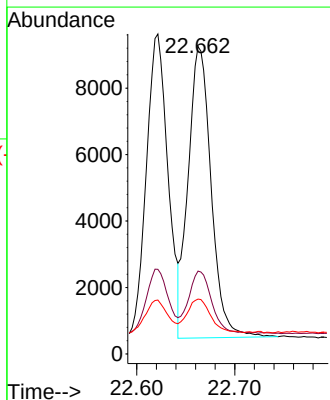
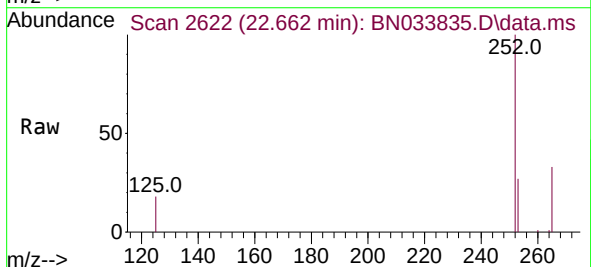


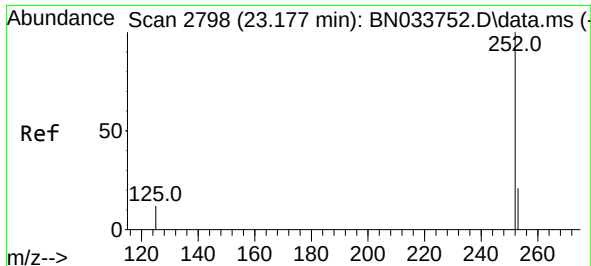
Tgt Ion:252 Resp: 14161  
Ion Ratio Lower Upper  
252 100  
253 26.4 21.8 32.6  
125 16.8 15.4 23.0



#38  
Benzo(k)fluoranthene  
Concen: 0.413 ng  
RT: 22.662 min Scan# 2622  
Delta R.T. -0.012 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

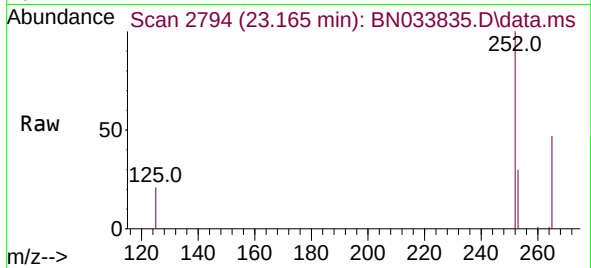
Tgt Ion:252 Resp: 14318  
Ion Ratio Lower Upper  
252 100  
253 26.9 21.8 32.8  
125 17.9 15.4 23.2



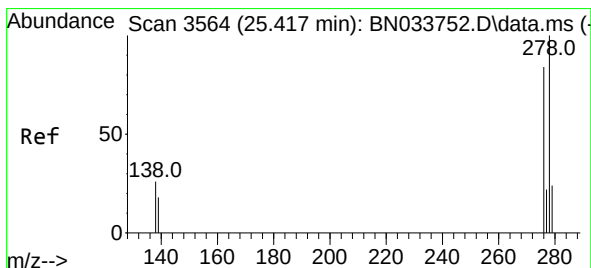
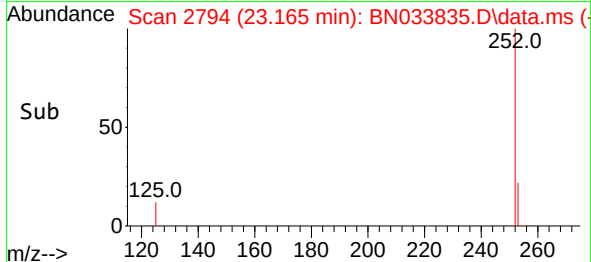
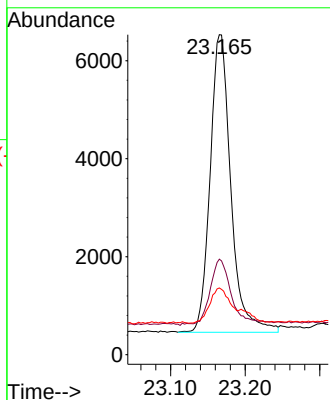


#39  
Benzo(a)pyrene  
Concen: 0.395 ng  
RT: 23.165 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

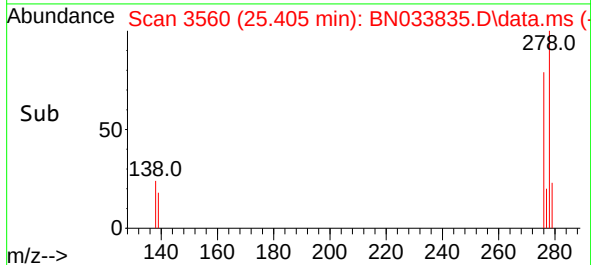
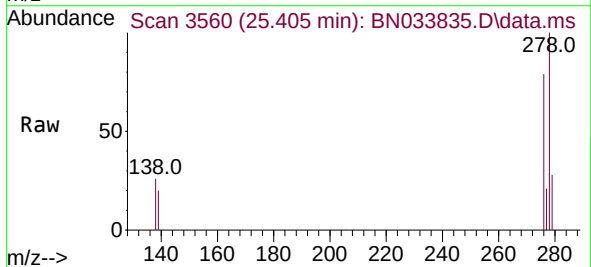
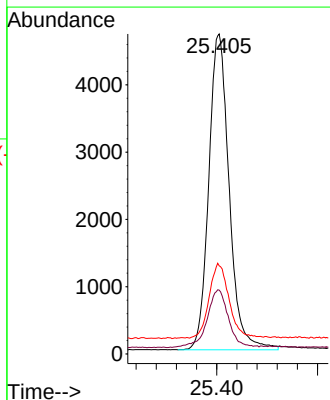


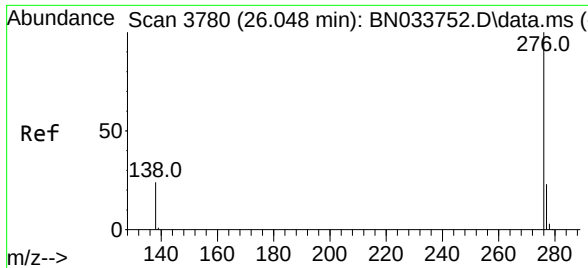
Tgt Ion:252 Resp: 11740  
Ion Ratio Lower Upper  
252 100  
253 29.8 24.0 36.0  
125 20.9 19.1 28.7



#40  
Dibenzo(a,h)anthracene  
Concen: 0.411 ng  
RT: 25.405 min Scan# 3560  
Delta R.T. -0.012 min  
Lab File: BN033835.D  
Acq: 10 Sep 2024 02:20

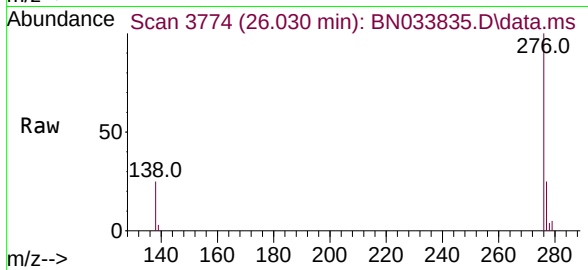
Tgt Ion:278 Resp: 13177  
Ion Ratio Lower Upper  
278 100  
139 19.9 16.7 25.1  
279 27.6 23.4 35.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.416 ng  
 RT: 26.030 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BN033835.D  
 Acq: 10 Sep 2024 02:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 14450 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.1  | 20.3  | 30.5  |
| 138      | 25.2  | 20.9  | 31.3  |

