

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120924\  
 Data File : BN035530.D  
 Acq On : 10 Dec 2024 12:40  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Dec 10 13:45:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 23:03:24 2024  
 Response via : Initial Calibration

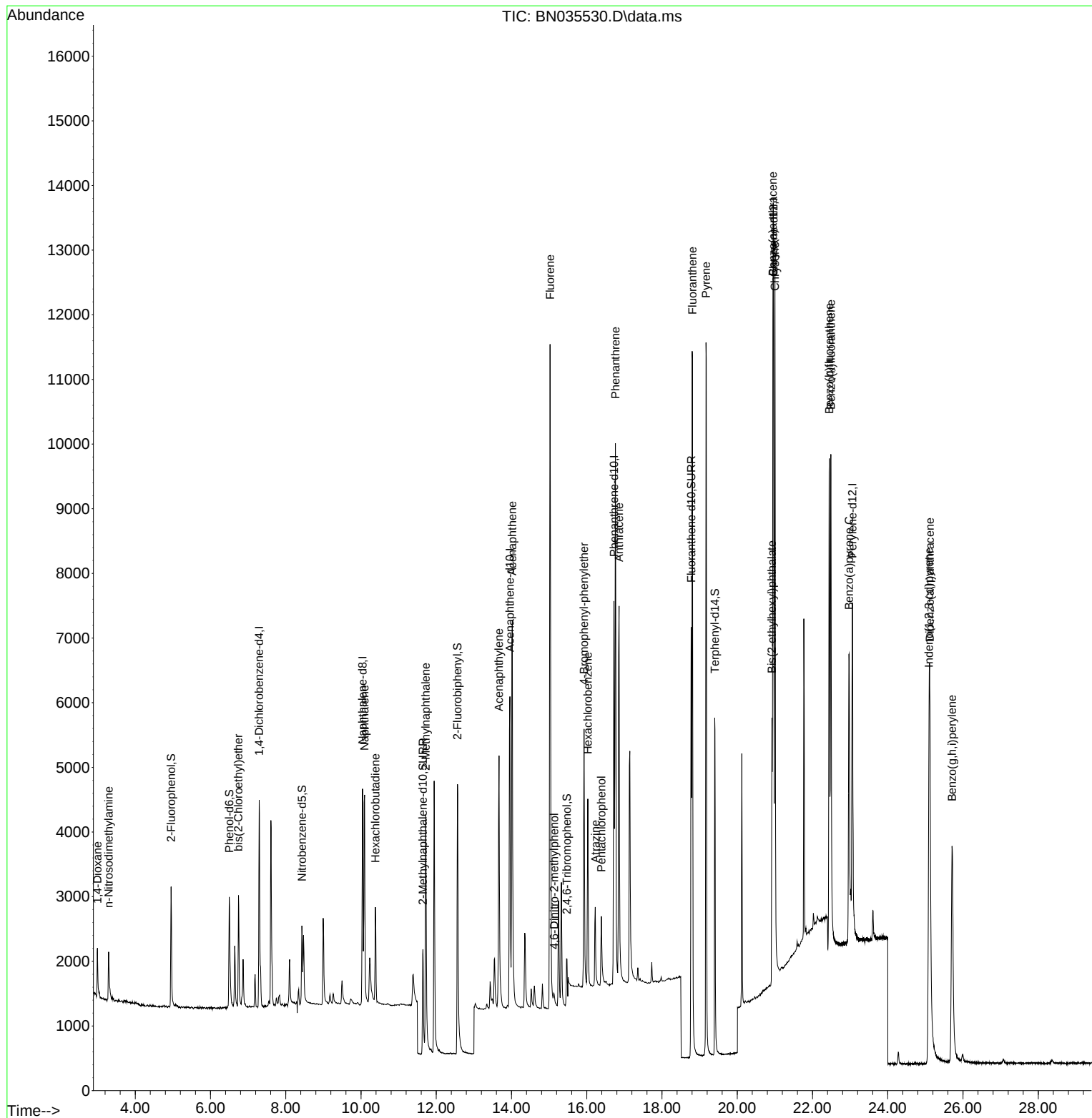
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.293  | 152  | 1649     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.041 | 136  | 4653     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.957 | 164  | 3559     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.723 | 188  | 8829     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 20.965 | 240  | 7037     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.059 | 264  | 6876     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.953  | 112  | 1627     | 0.394 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.499  | 99   | 1989     | 0.401 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.429  | 82   | 1397     | 0.492 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.646 | 152  | 2835     | 0.389 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.475 | 330  | 899      | 0.356 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.564 | 172  | 5182     | 0.385 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.775 | 212  | 8270     | 0.330 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.402 | 244  | 5792     | 0.417 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.996  | 88   | 622      | 0.395 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.292  | 42   | 529      | 0.403 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 6.744  | 93   | 1499     | 0.359 | ng    | 99       |
| 9) Naphthalene                | 10.095 | 128  | 4751     | 0.387 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.383 | 225  | 1177     | 0.416 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.722 | 142  | 3358     | 0.382 | ng    | 97       |
| 16) Acenaphthylene            | 13.668 | 152  | 5536     | 0.370 | ng    | 99       |
| 17) Acenaphthene              | 14.021 | 154  | 3879     | 0.391 | ng    | 98       |
| 18) Fluorene                  | 15.026 | 166  | 5544     | 0.390 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.133 | 198  | 246      | 0.283 | ng    | # 71     |
| 21) 4-Bromophenyl-phenylether | 15.929 | 248  | 1928     | 0.373 | ng    | # 86     |
| 22) Hexachlorobenzene         | 16.028 | 284  | 2468     | 0.407 | ng    | 100      |
| 23) Atrazine                  | 16.227 | 200  | 1287     | 0.350 | ng    | 95       |
| 24) Pentachlorophenol         | 16.388 | 266  | 713      | 0.270 | ng    | # 84     |
| 25) Phenanthrene              | 16.760 | 178  | 9191     | 0.379 | ng    | 100      |
| 26) Anthracene                | 16.860 | 178  | 7969     | 0.363 | ng    | 100      |
| 28) Fluoranthene              | 18.808 | 202  | 10852    | 0.332 | ng    | 99       |
| 30) Pyrene                    | 19.170 | 202  | 11027    | 0.425 | ng    | 100      |
| 32) Benzo(a)anthracene        | 20.947 | 228  | 8623     | 0.350 | ng    | 99       |
| 33) Chrysene                  | 21.001 | 228  | 10141    | 0.400 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 20.920 | 149  | 3712     | 0.382 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.096 | 276  | 9828     | 0.366 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.445 | 252  | 12398    | 0.493 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.488 | 252  | 10500    | 0.424 | ng    | 96       |
| 39) Benzo(a)pyrene            | 22.968 | 252  | 7505     | 0.362 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.117 | 278  | 7400     | 0.349 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 25.707 | 276  | 8233     | 0.371 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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SSTDCCC0.4EC

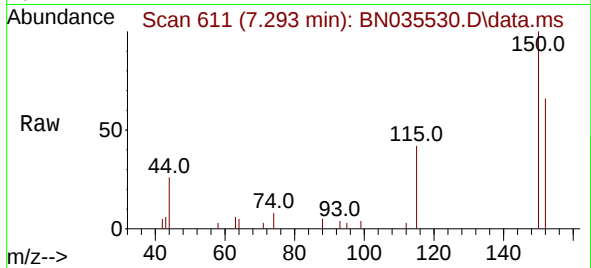
Quant Time: Dec 10 13:45:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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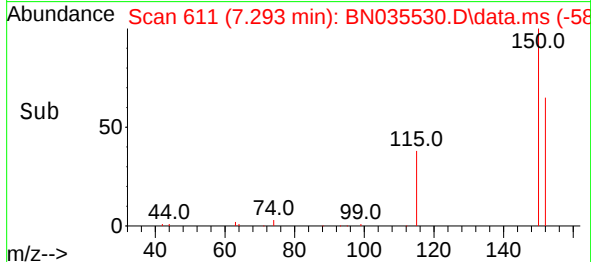
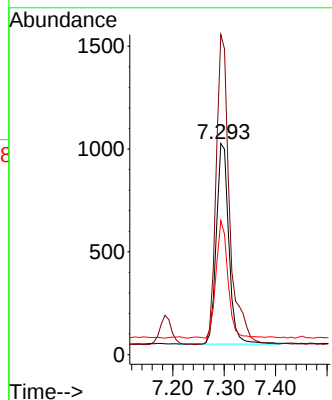


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.293 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

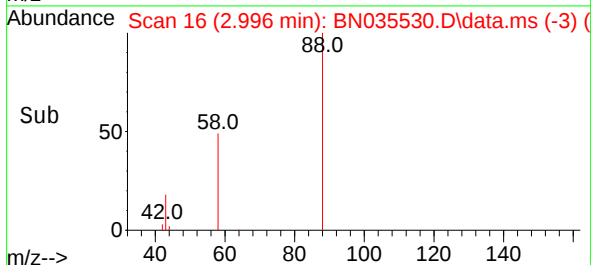
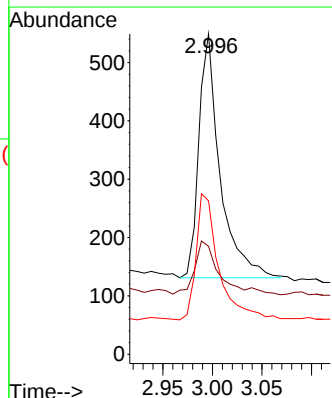
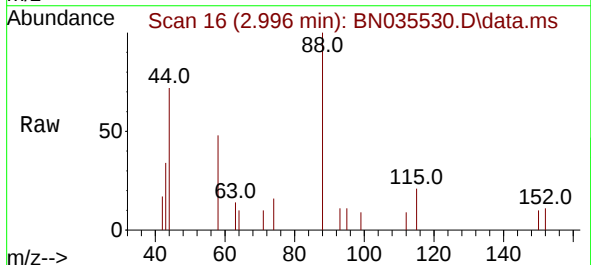


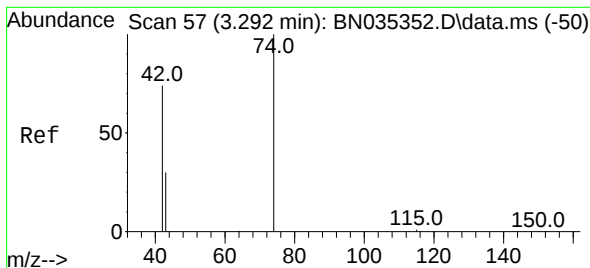
Tgt Ion:152 Resp: 1649  
Ion Ratio Lower Upper  
152 100  
150 151.5 124.0 186.0  
115 63.5 49.6 74.4



#2  
1,4-Dioxane  
Concen: 0.395 ng  
RT: 2.996 min Scan# 16  
Delta R.T. -0.007 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion: 88 Resp: 622  
Ion Ratio Lower Upper  
88 100  
43 25.7 17.2 25.8  
58 55.3 44.5 66.7





#3

n-Nitrosodimethylamine

Concen: 0.403 ng

RT: 3.292 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

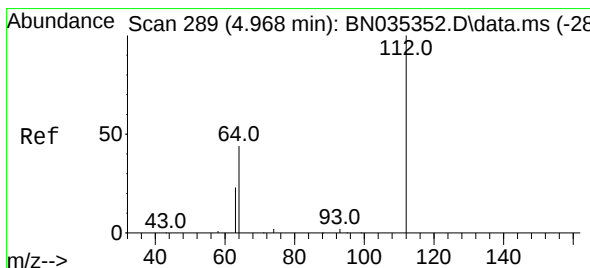
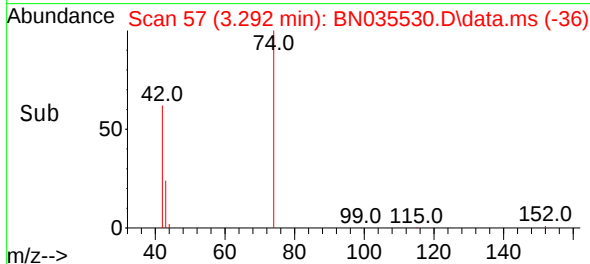
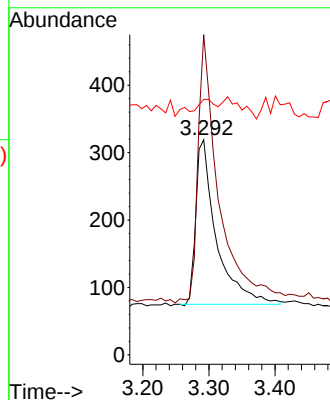
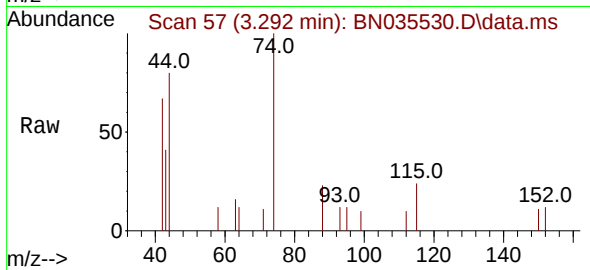
Tgt Ion: 42 Resp: 529

Ion Ratio Lower Upper

42 100

74 163.7 124.9 187.3

44 5.3 2.2 3.4#



#4

2-Fluorophenol

Concen: 0.394 ng

RT: 4.953 min Scan# 287

Delta R.T. -0.014 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

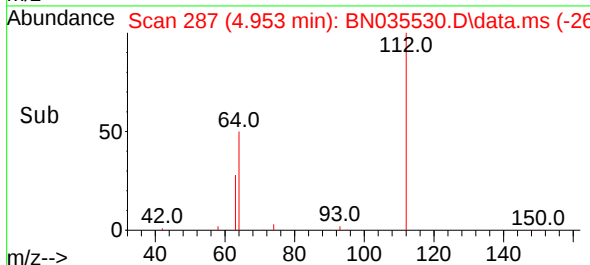
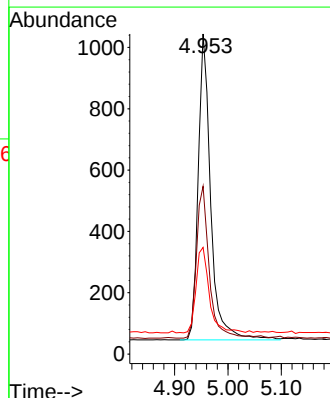
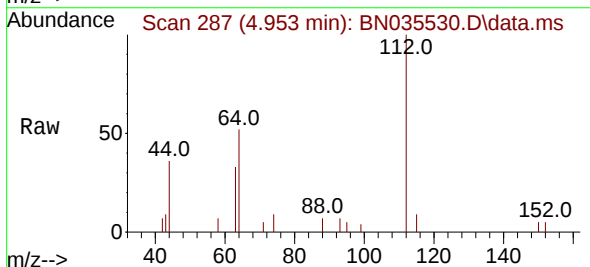
Tgt Ion: 112 Resp: 1627

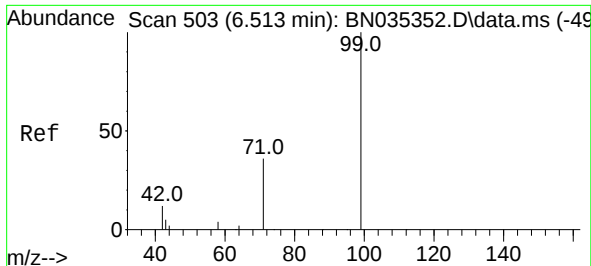
Ion Ratio Lower Upper

112 100

64 51.0 39.8 59.8

63 29.6 21.0 31.6

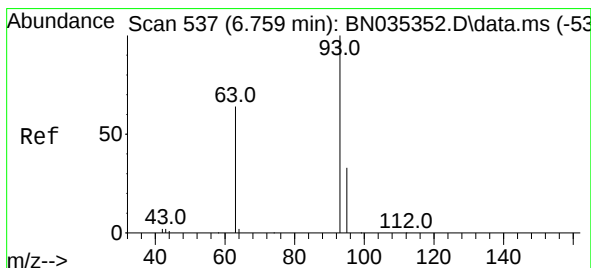
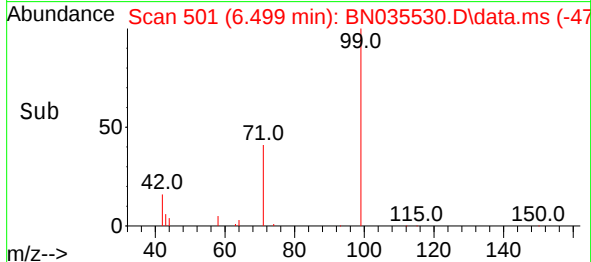
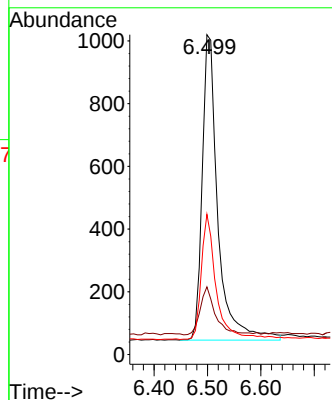
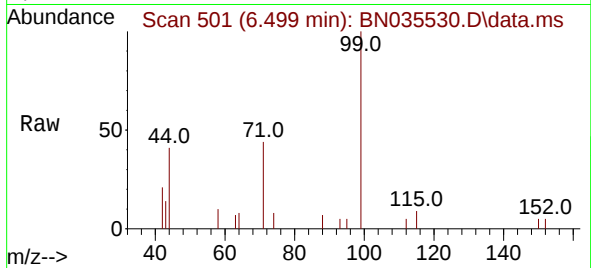




#5  
Phenol-d6  
Concen: 0.401 ng  
RT: 6.499 min Scan# 503  
Delta R.T. -0.014 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

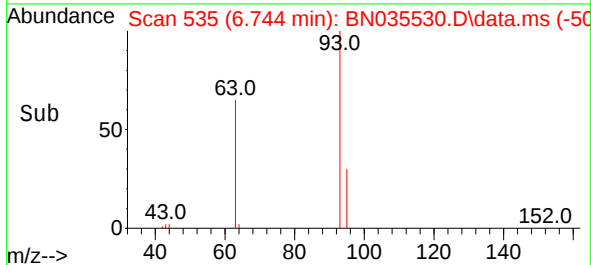
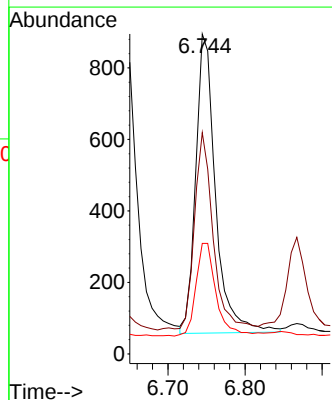
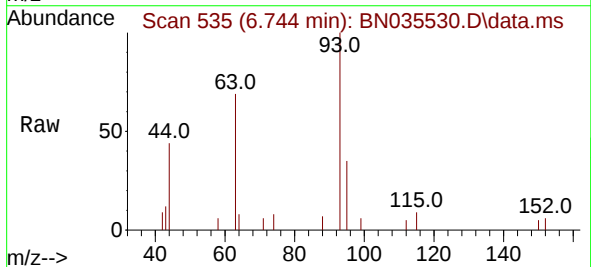
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

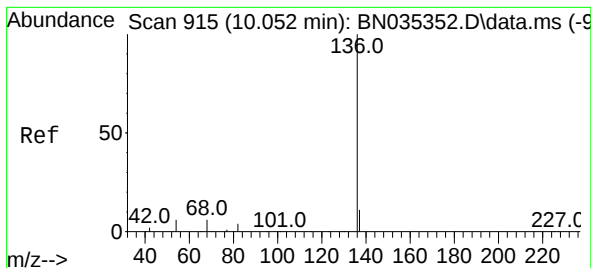
Tgt Ion: 99 Resp: 1989  
Ion Ratio Lower Upper  
99 100  
42 15.6 11.4 17.2  
71 39.8 29.3 43.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.359 ng  
RT: 6.744 min Scan# 535  
Delta R.T. -0.014 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion: 93 Resp: 1499  
Ion Ratio Lower Upper  
93 100  
63 62.6 50.4 75.6  
95 31.0 25.7 38.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.041 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 4653

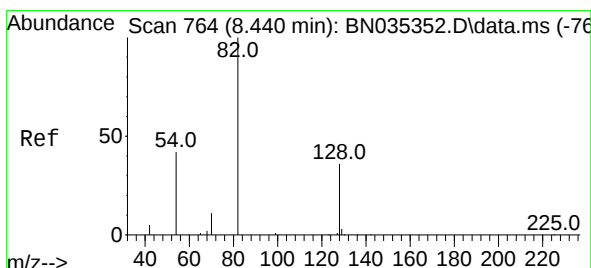
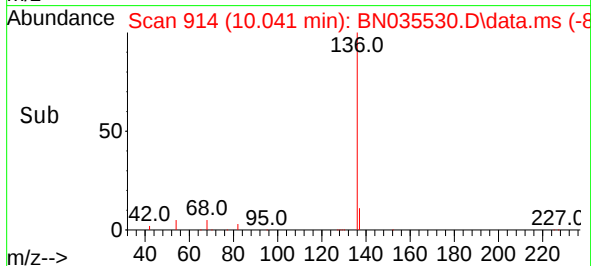
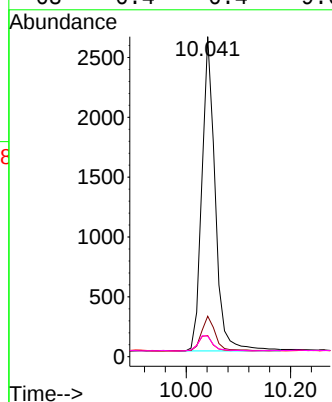
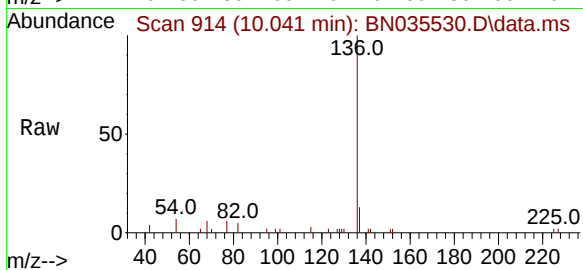
Ion Ratio Lower Upper

136 100

137 12.7 10.2 15.2

54 6.6 6.1 9.1

68 6.4 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.492 ng

RT: 8.429 min Scan# 763

Delta R.T. -0.011 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

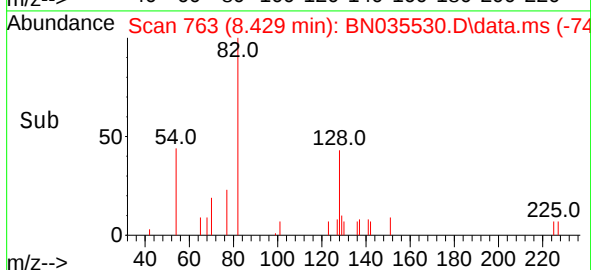
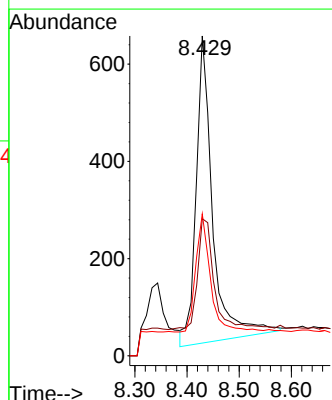
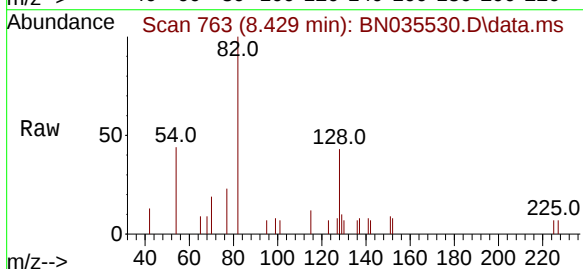
Tgt Ion: 82 Resp: 1397

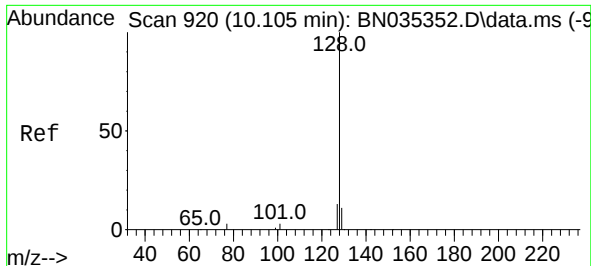
Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 44.4 36.7 55.1

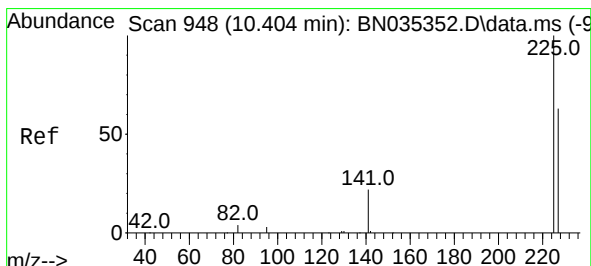
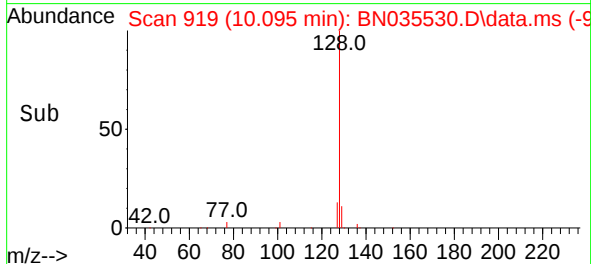
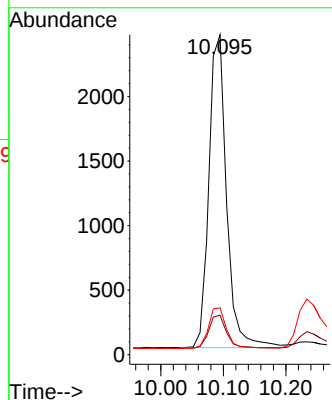
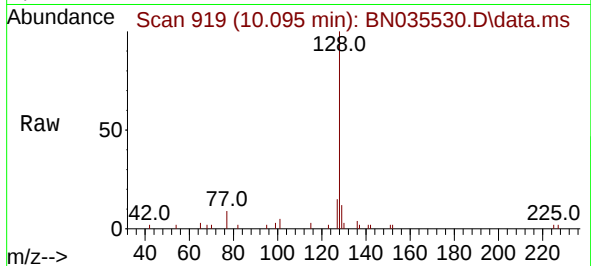




#9  
Naphthalene  
Concen: 0.387 ng  
RT: 10.095 min Scan# 919  
Delta R.T. -0.011 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

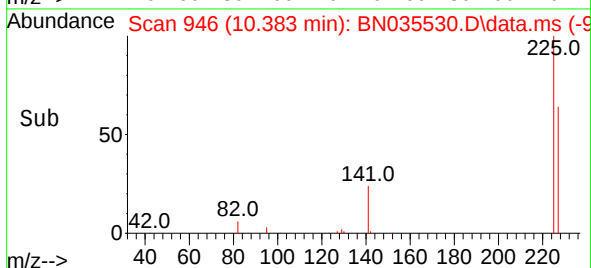
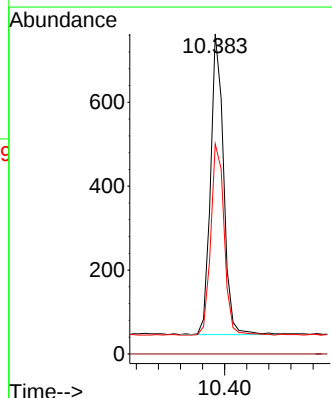
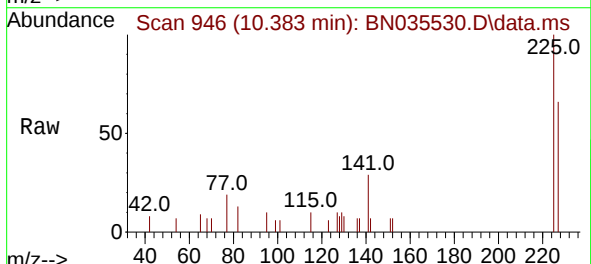
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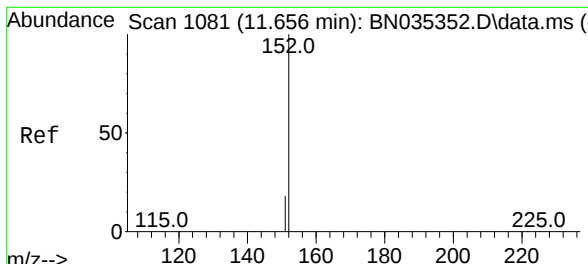
Tgt Ion:128 Resp: 4751  
Ion Ratio Lower Upper  
128 100  
129 12.4 9.8 14.6  
127 14.6 11.4 17.2



#10  
Hexachlorobutadiene  
Concen: 0.416 ng  
RT: 10.383 min Scan# 946  
Delta R.T. -0.021 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:225 Resp: 1177  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.2 51.3 76.9

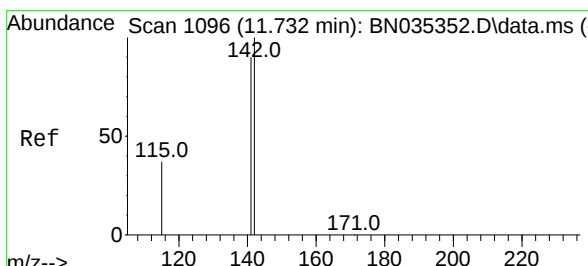
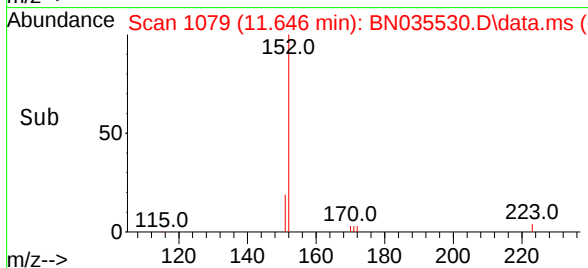
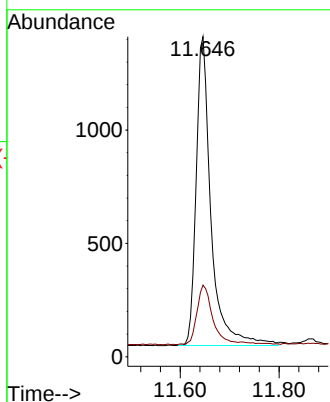
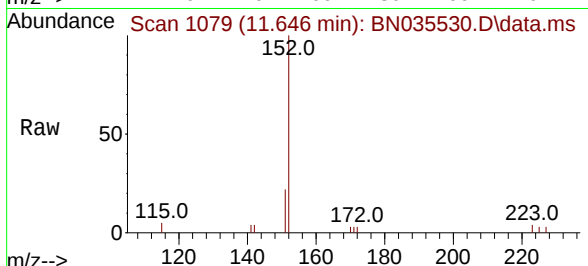




#11  
2-Methylnaphthalene-d10  
Concen: 0.389 ng  
RT: 11.646 min Scan# 1079  
Delta R.T. -0.010 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

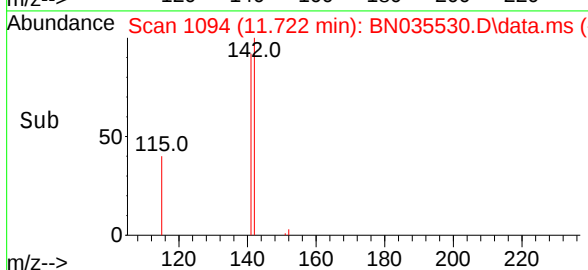
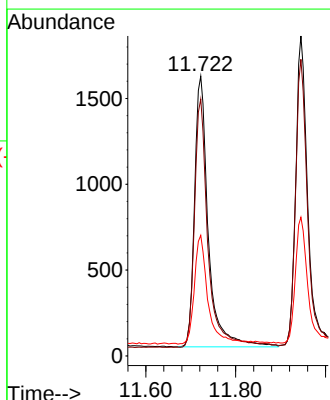
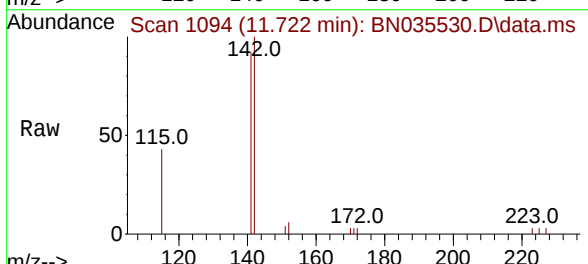
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

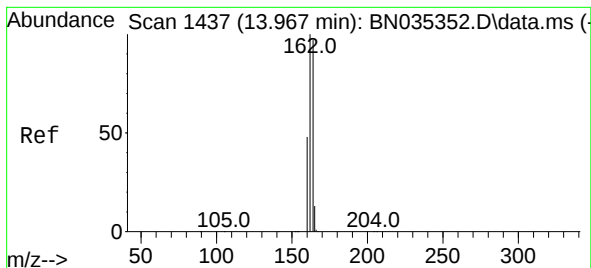
Tgt Ion:152 Resp: 2835  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.382 ng  
RT: 11.722 min Scan# 1094  
Delta R.T. -0.010 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:142 Resp: 3358  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.2 108.4  
115 43.1 31.4 47.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

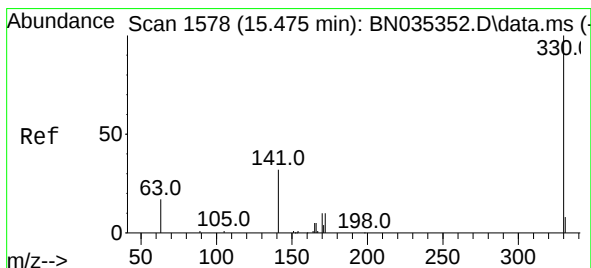
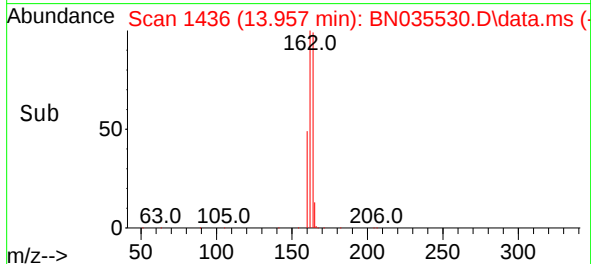
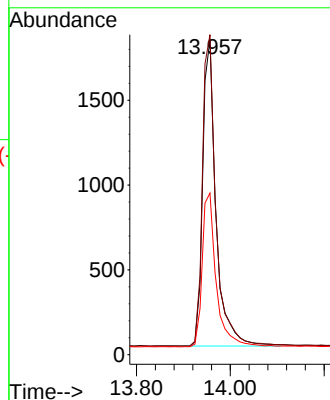
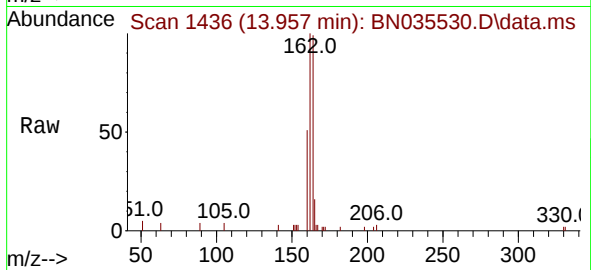
Tgt Ion:164 Resp: 3559

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

160 51.2 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.356 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

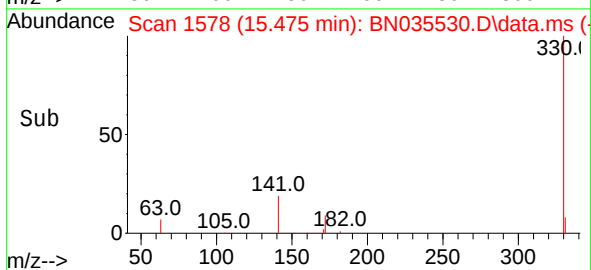
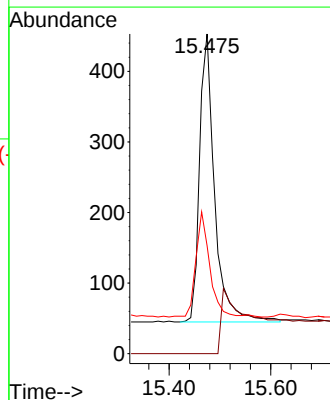
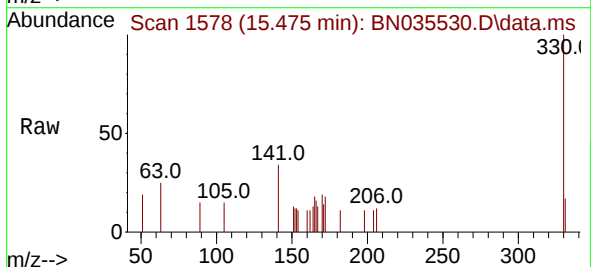
Tgt Ion:330 Resp: 899

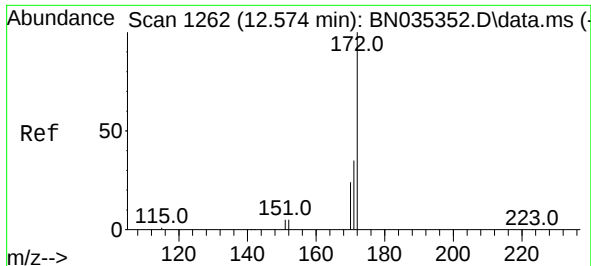
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.3 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.385 ng

RT: 12.564 min Scan# 1409

Delta R.T. -0.010 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

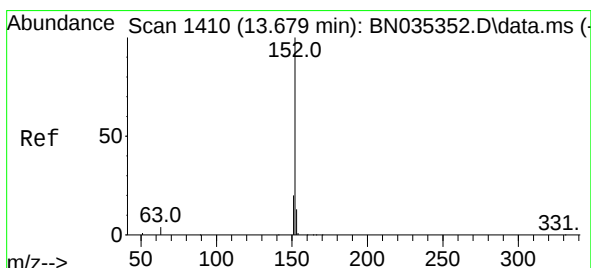
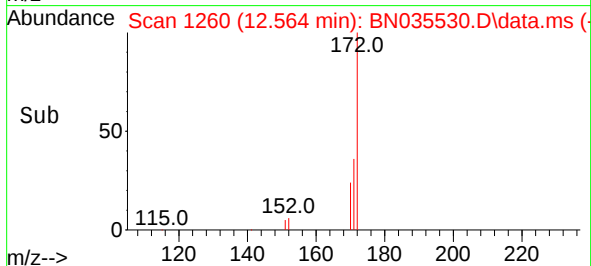
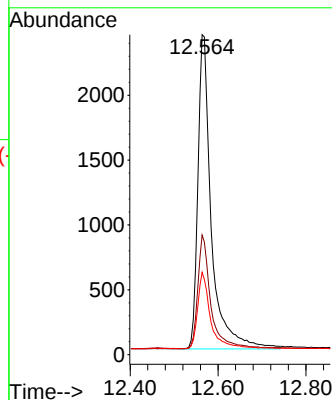
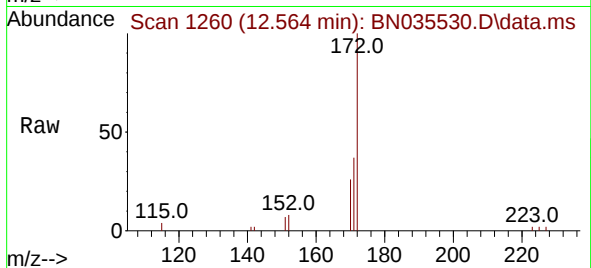
Tgt Ion:172 Resp: 5182

Ion Ratio Lower Upper

172 100

171 37.4 29.0 43.4

170 25.7 19.8 29.8



#16

Acenaphthylene

Concen: 0.370 ng

RT: 13.668 min Scan# 1409

Delta R.T. -0.011 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

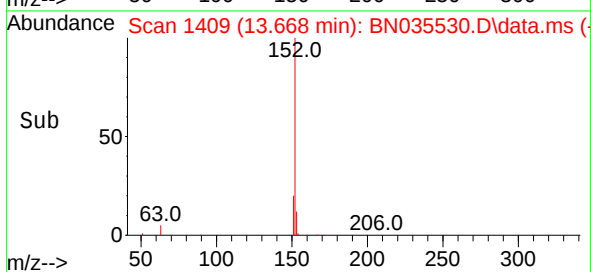
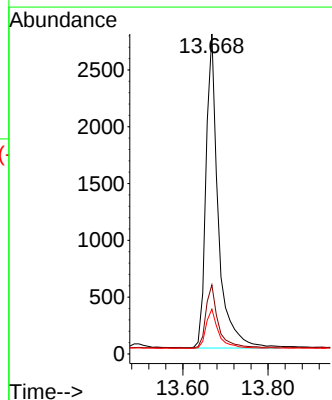
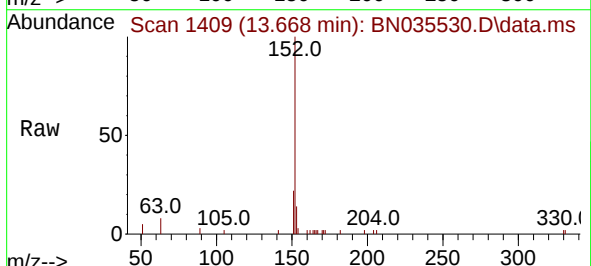
Tgt Ion:152 Resp: 5536

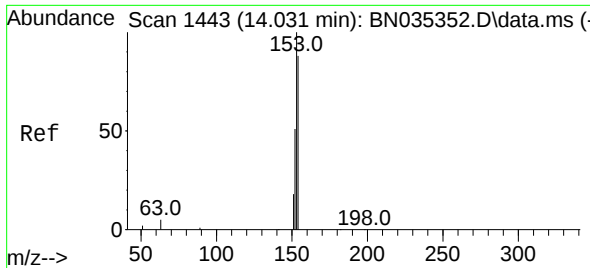
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.7 10.4 15.6

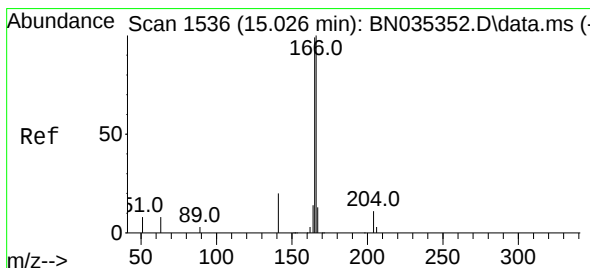
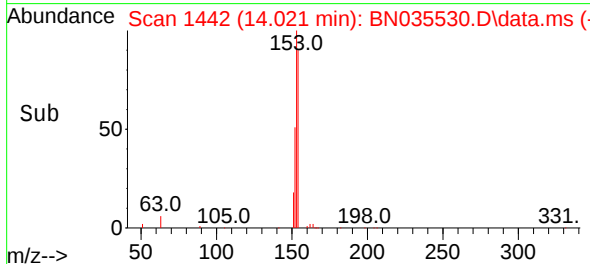
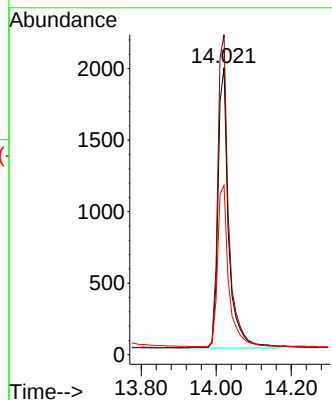
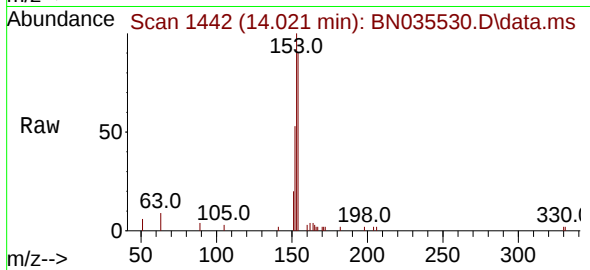




#17  
Acenaphthene  
Concen: 0.391 ng  
RT: 14.021 min Scan# 1442  
Delta R.T. -0.011 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

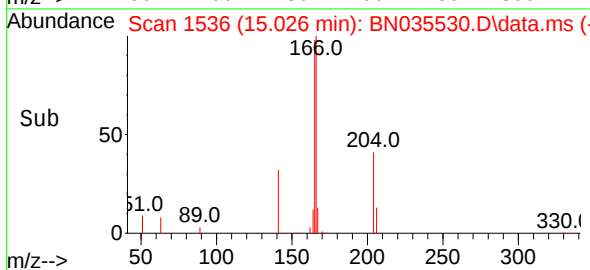
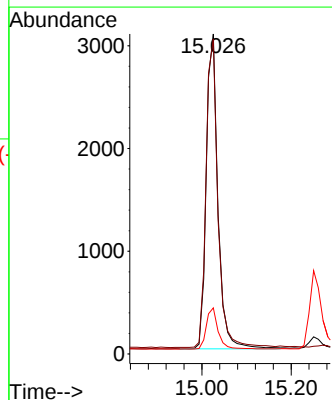
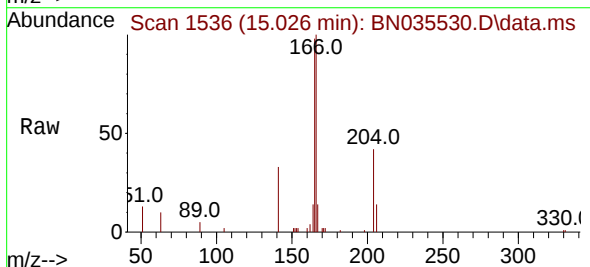
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

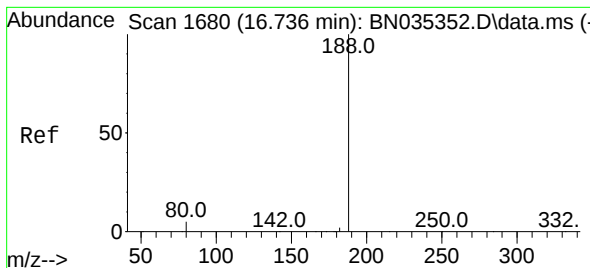
Tgt Ion:154 Resp: 3879  
Ion Ratio Lower Upper  
154 100  
153 113.4 92.6 139.0  
152 59.7 49.0 73.6



#18  
Fluorene  
Concen: 0.390 ng  
RT: 15.026 min Scan# 1536  
Delta R.T. 0.000 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:166 Resp: 5544  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.7 119.5  
167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

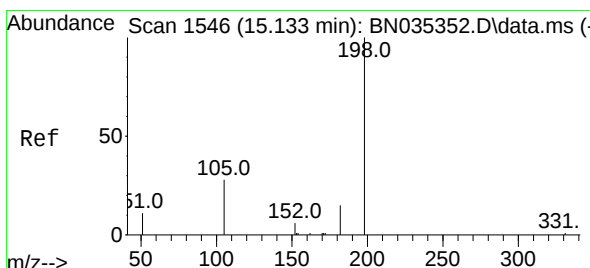
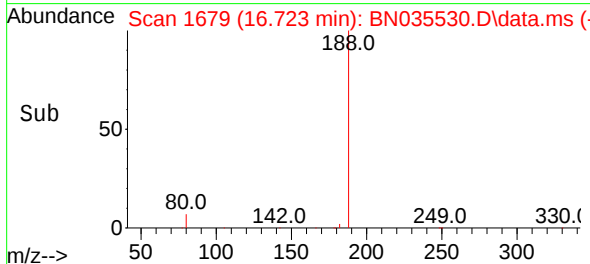
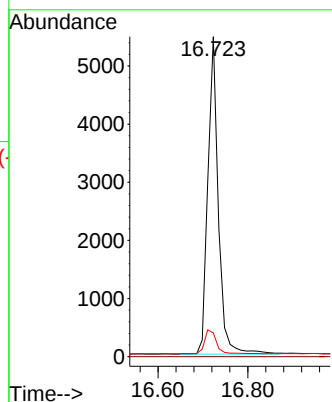
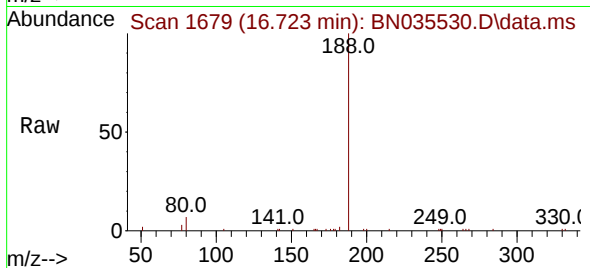
Tgt Ion:188 Resp: 8829

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 4.6 6.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.283 ng

RT: 15.133 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

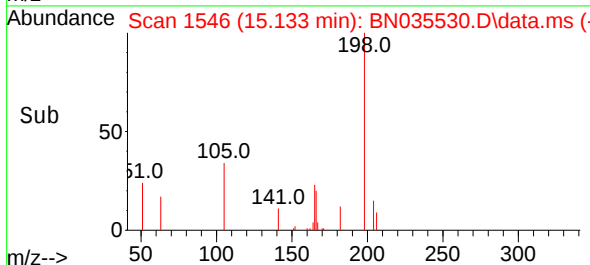
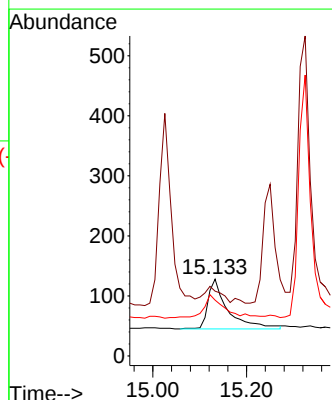
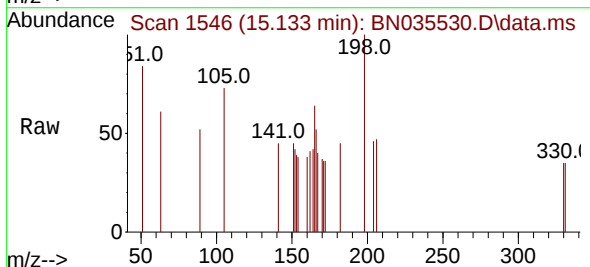
Tgt Ion:198 Resp: 246

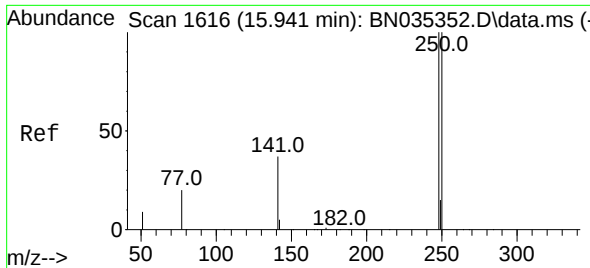
Ion Ratio Lower Upper

198 100

51 84.4 46.5 69.7#

105 72.7 45.3 67.9#

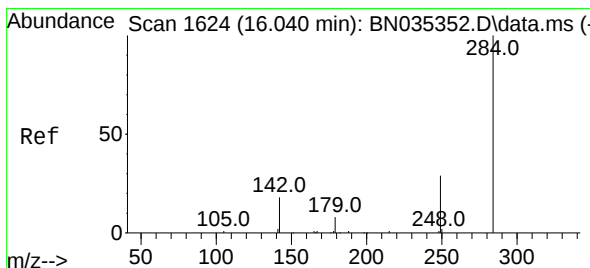
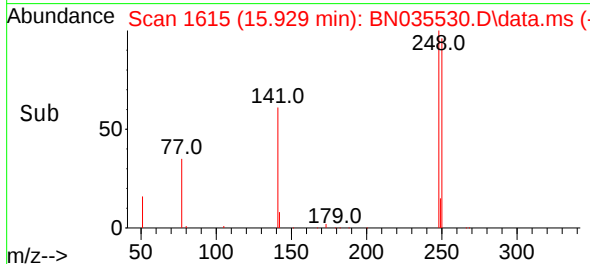
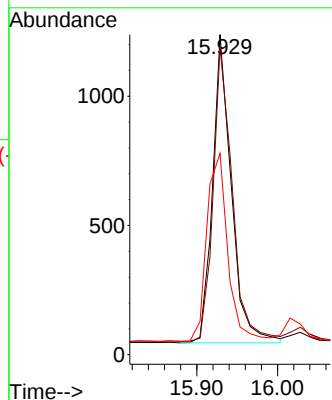
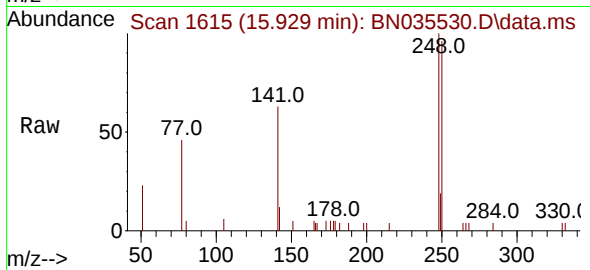




#21  
4-Bromophenyl-phenylether  
Concen: 0.373 ng  
RT: 15.929 min Scan# 1615  
Delta R.T. -0.012 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

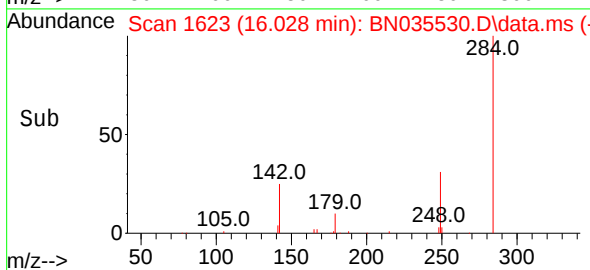
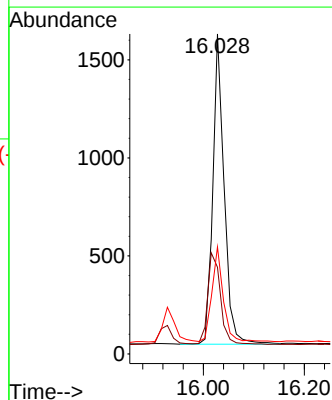
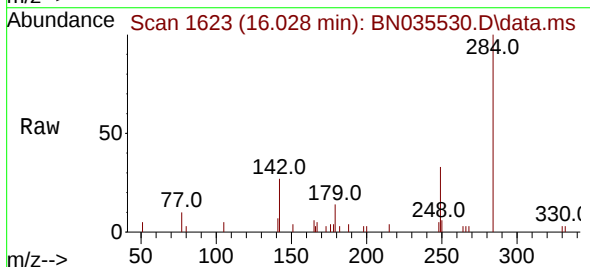
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

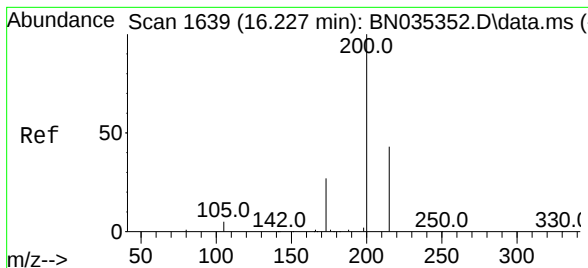
Tgt Ion:248 Resp: 1928  
Ion Ratio Lower Upper  
248 100  
250 96.2 80.6 120.8  
141 62.9 31.5 47.3#



#22  
Hexachlorobenzene  
Concen: 0.407 ng  
RT: 16.028 min Scan# 1623  
Delta R.T. -0.012 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:284 Resp: 2468  
Ion Ratio Lower Upper  
284 100  
142 33.3 26.7 40.1  
249 30.8 24.6 36.8





#23

Atrazine

Concen: 0.350 ng

RT: 16.227 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

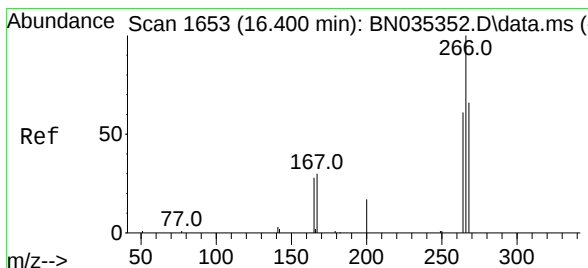
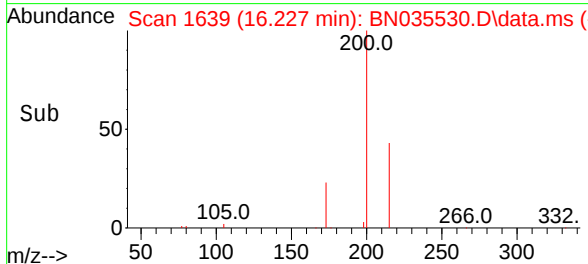
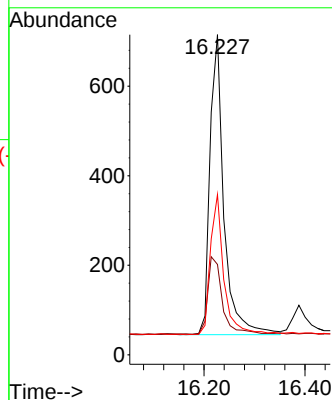
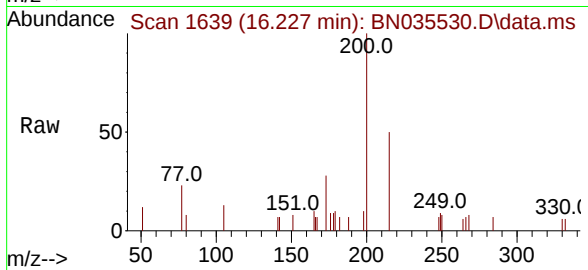
Tgt Ion:200 Resp: 1287

Ion Ratio Lower Upper

200 100

173 28.3 24.1 36.1

215 50.1 36.9 55.3



#24

Pentachlorophenol

Concen: 0.270 ng

RT: 16.388 min Scan# 1652

Delta R.T. -0.012 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

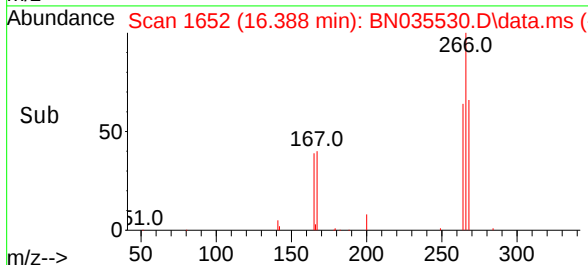
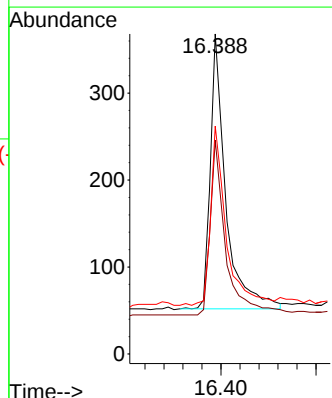
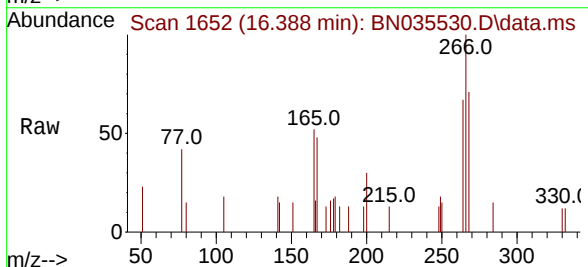
Tgt Ion:266 Resp: 713

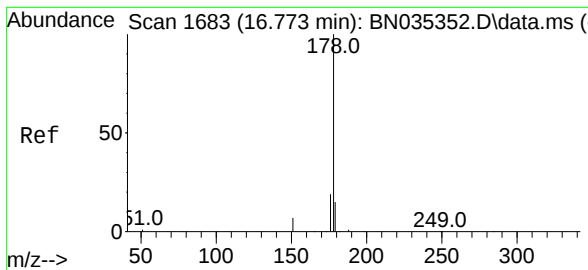
Ion Ratio Lower Upper

266 100

264 64.1 42.3 63.5#

268 65.5 43.3 64.9#

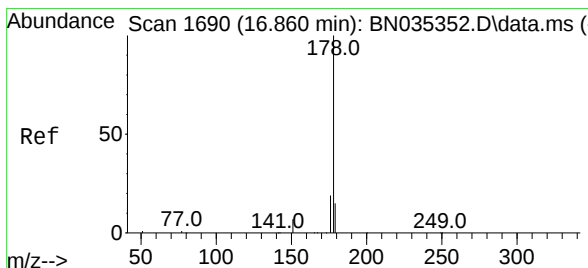
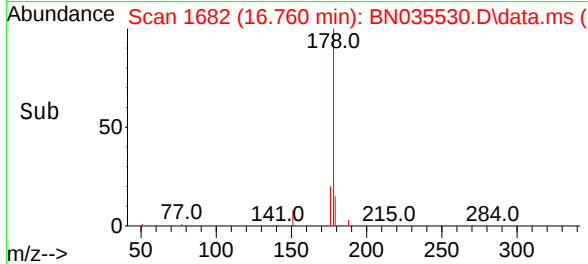
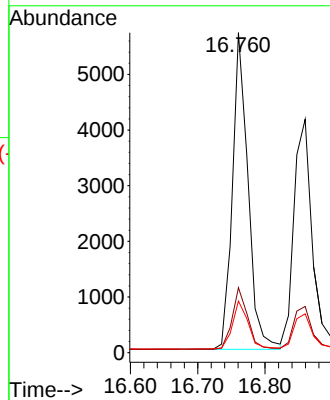
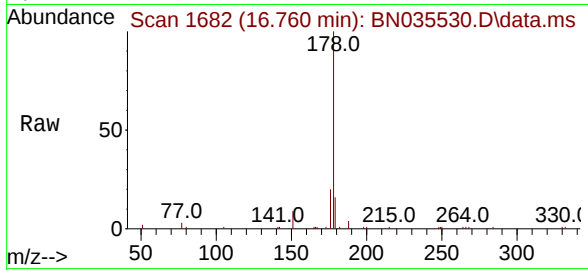




#25  
Phenanthrene  
Concen: 0.379 ng  
RT: 16.760 min Scan# 1682  
Delta R.T. -0.012 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

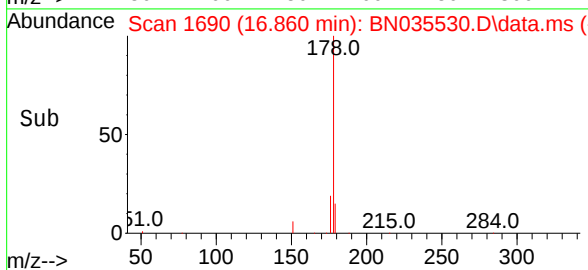
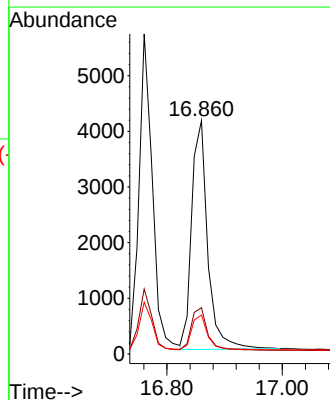
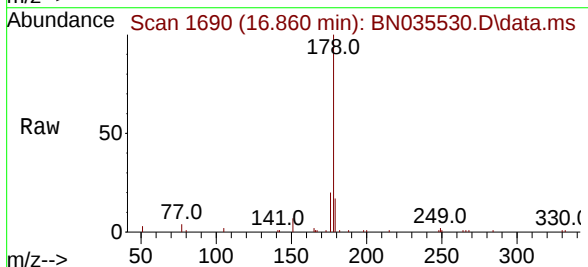
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

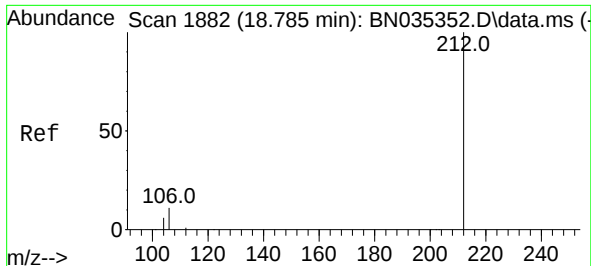
Tgt Ion:178 Resp: 9191  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.4 12.3 18.5



#26  
Anthracene  
Concen: 0.363 ng  
RT: 16.860 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:178 Resp: 7969  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.6  
179 15.4 12.6 18.8





#27

Fluoranthene-d10

Concen: 0.330 ng

RT: 18.775 min Scan# 1880

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

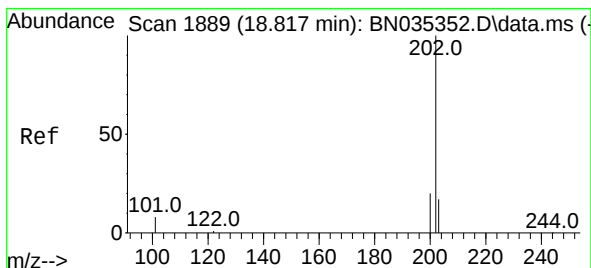
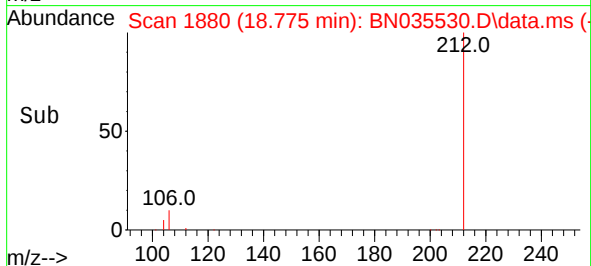
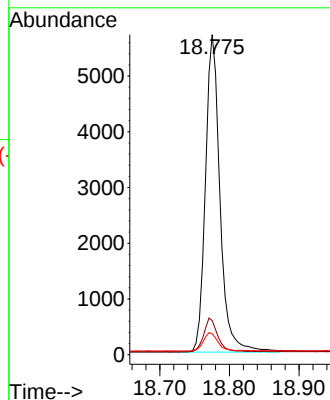
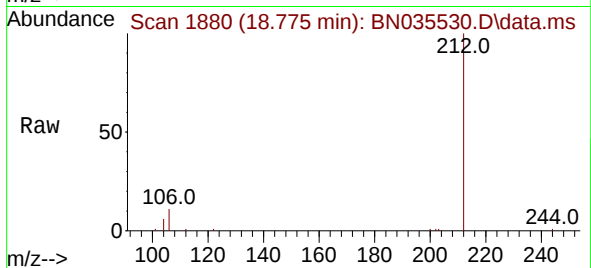
Tgt Ion:212 Resp: 8270

Ion Ratio Lower Upper

212 100

106 10.2 9.2 13.8

104 5.7 5.3 7.9



#28

Fluoranthene

Concen: 0.332 ng

RT: 18.808 min Scan# 1887

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

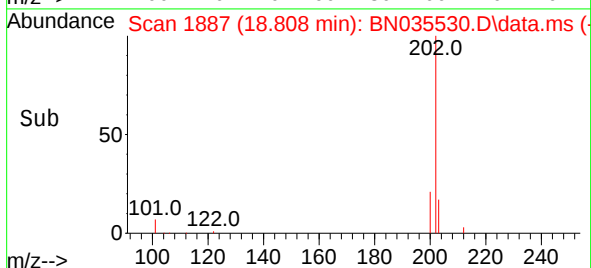
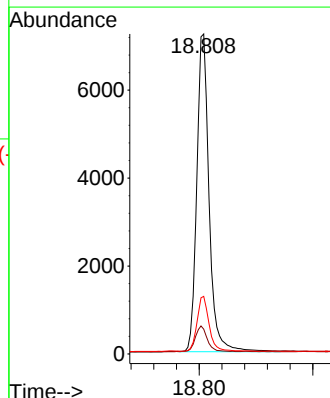
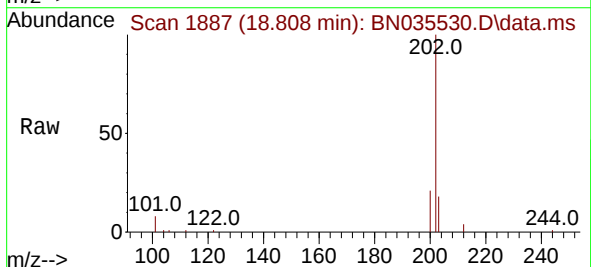
Tgt Ion:202 Resp: 10852

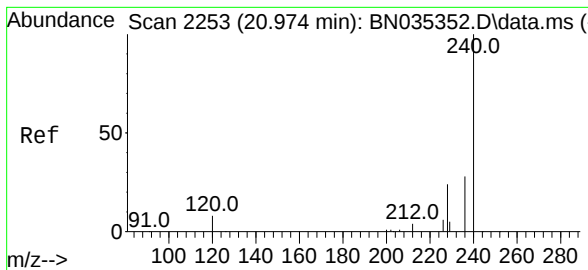
Ion Ratio Lower Upper

202 100

101 8.0 7.4 11.0

203 16.9 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.965 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

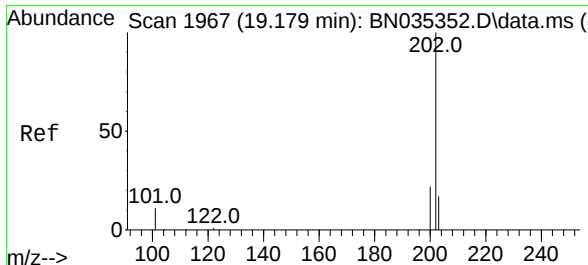
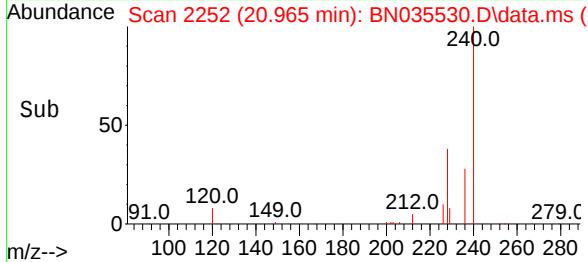
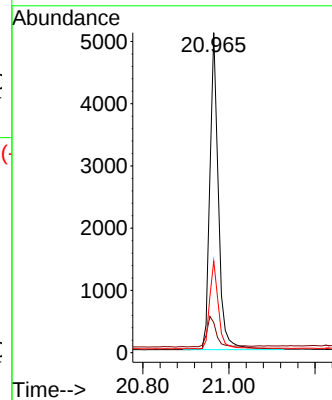
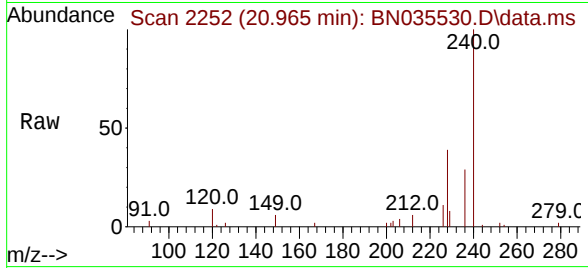
Tgt Ion:240 Resp: 7037

Ion Ratio Lower Upper

240 100

120 9.4 7.9 11.9

236 28.7 22.9 34.3



#30

Pyrene

Concen: 0.425 ng

RT: 19.170 min Scan# 1965

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

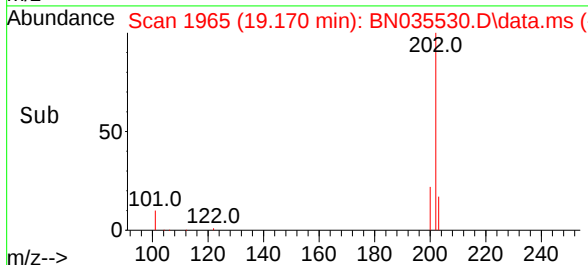
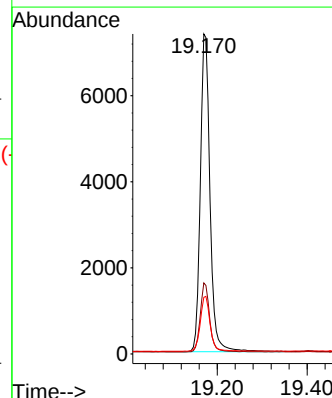
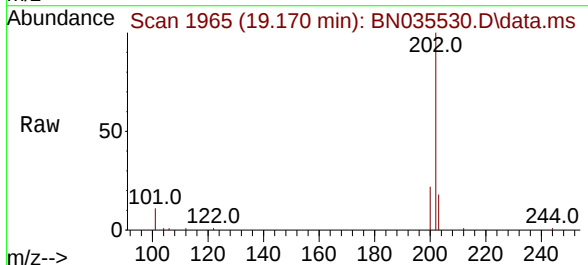
Tgt Ion:202 Resp: 11027

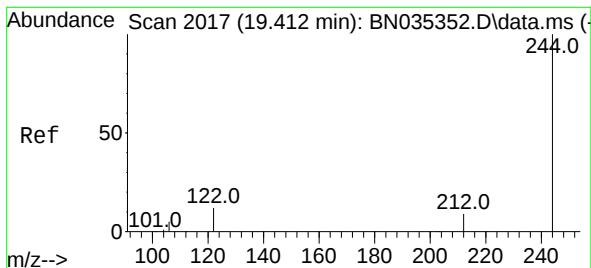
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.7 14.3 21.5





#31

Terphenyl-d14

Concen: 0.417 ng

RT: 19.402 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

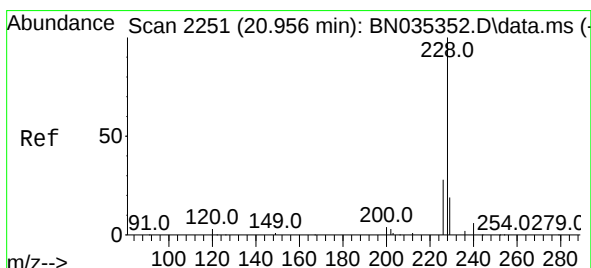
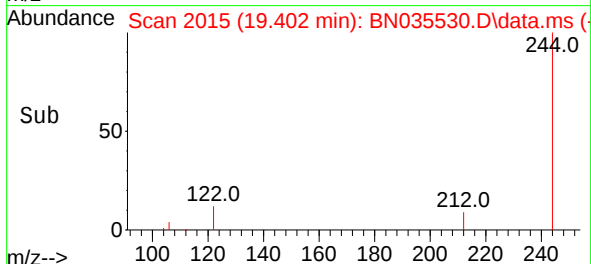
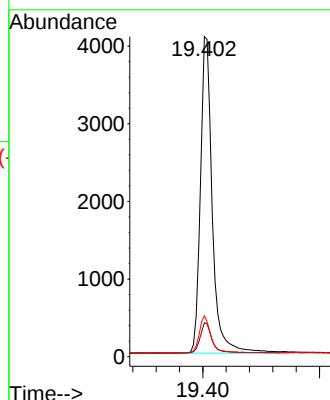
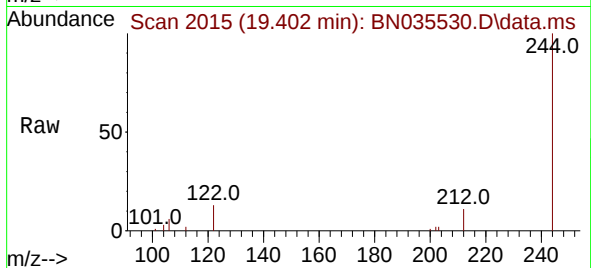
Tgt Ion:244 Resp: 5792

Ion Ratio Lower Upper

244 100

212 10.6 8.1 12.1

122 12.8 10.3 15.5



#32

Benzo(a)anthracene

Concen: 0.350 ng

RT: 20.947 min Scan# 2250

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

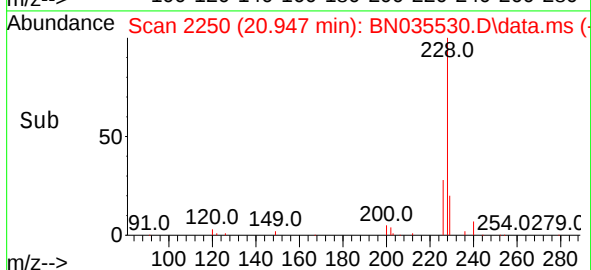
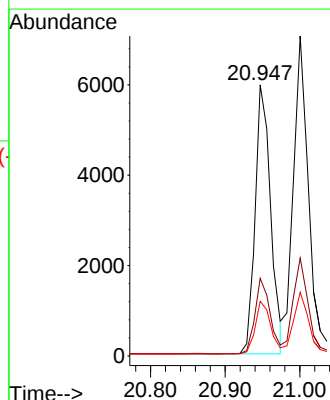
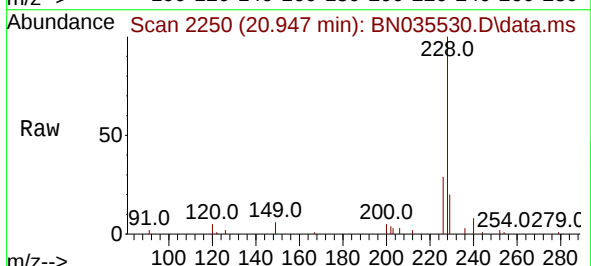
Tgt Ion:228 Resp: 8623

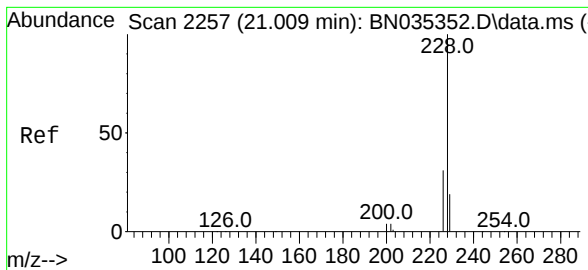
Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

229 20.2 15.8 23.8





#33

Chrysene

Concen: 0.400 ng

RT: 21.001 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

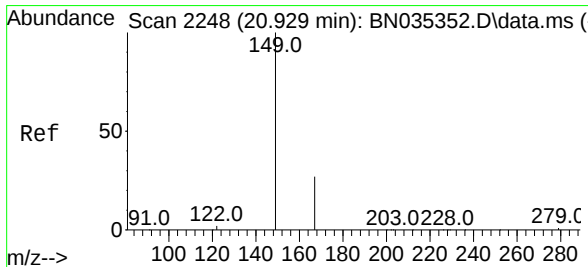
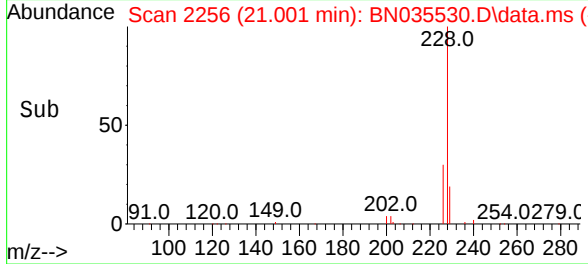
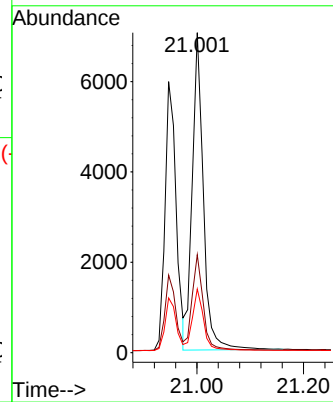
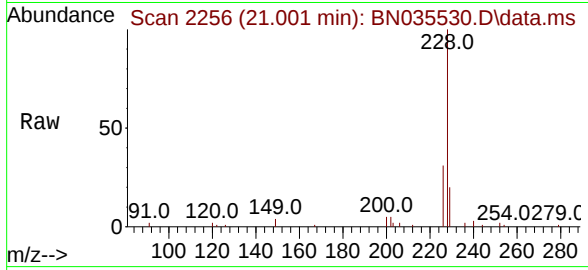
Tgt Ion:228 Resp: 10141

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 19.9 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.382 ng

RT: 20.920 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

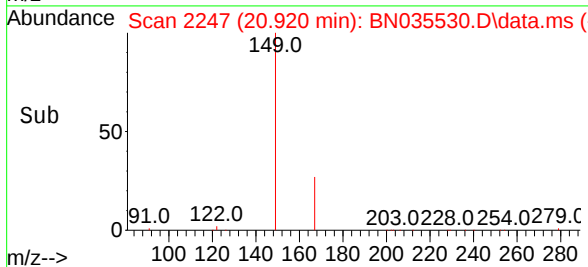
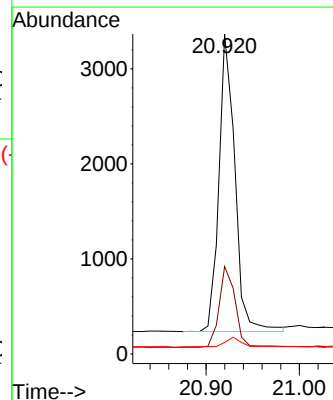
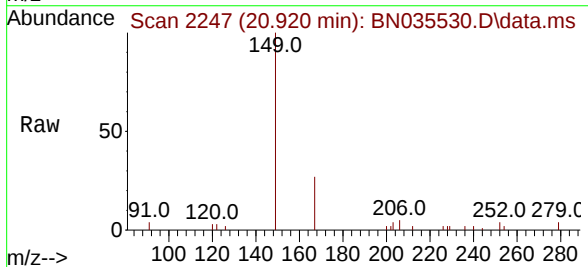
Tgt Ion:149 Resp: 3712

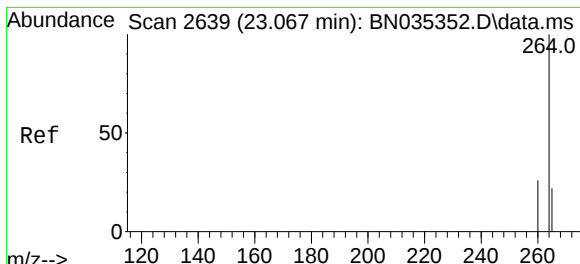
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 3.8 2.7 4.1



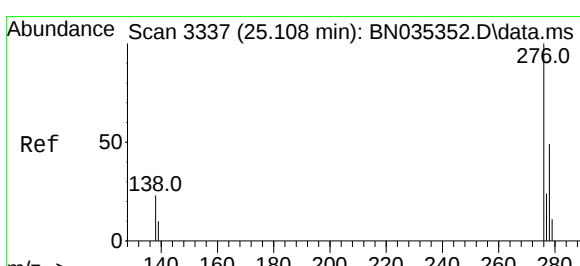
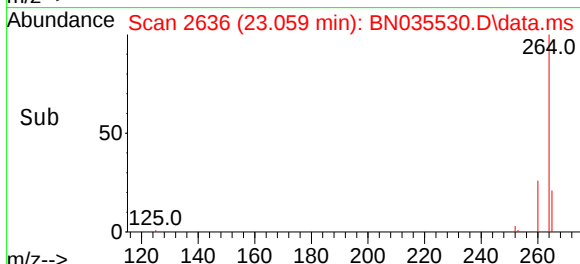
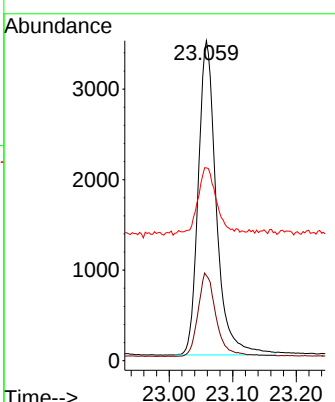
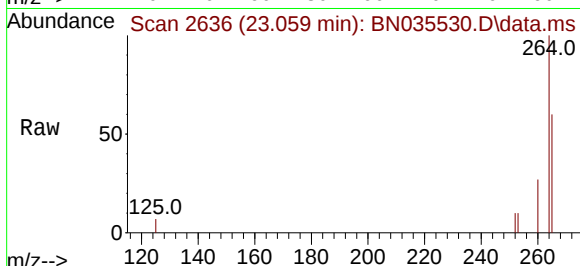


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.059 min Scan# 2636  
 Delta R.T. -0.009 min  
 Lab File: BN035530.D  
 Acq: 10 Dec 2024 12:40

Instrument : BNA\_N  
 ClientSampleId : SSTDCCC0.4EC

Tgt Ion:264 Resp: 6876

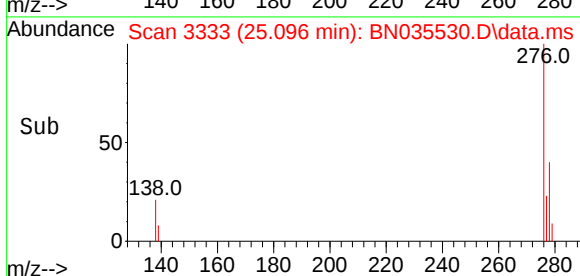
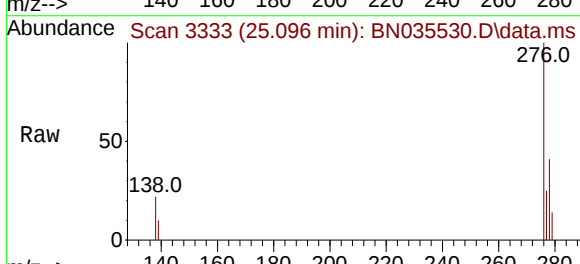
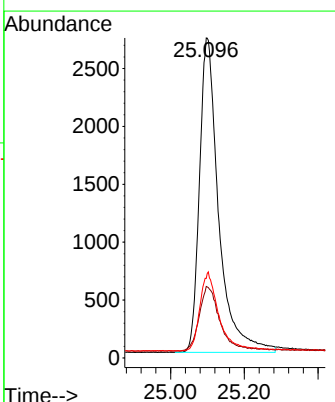
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.5  | 21.4  | 32.2  |
| 265 | 60.3  | 40.2  | 60.4  |

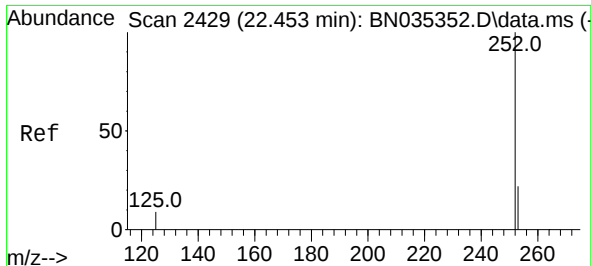


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.366 ng  
 RT: 25.096 min Scan# 3333  
 Delta R.T. -0.012 min  
 Lab File: BN035530.D  
 Acq: 10 Dec 2024 12:40

Tgt Ion:276 Resp: 9828

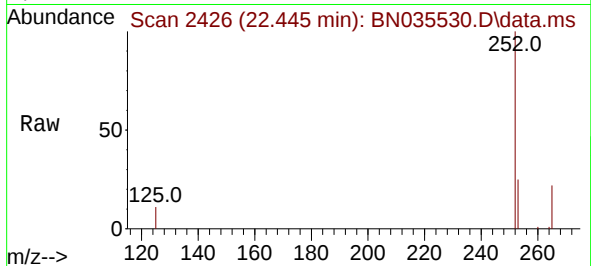
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.8  | 19.4  | 29.0  |
| 277 | 24.4  | 19.8  | 29.6  |



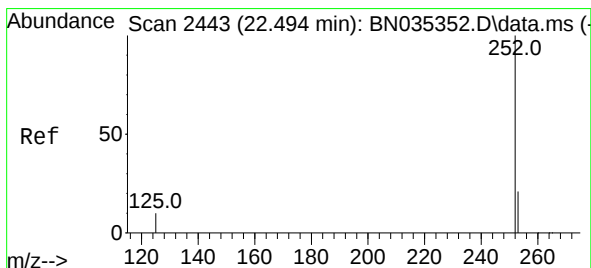
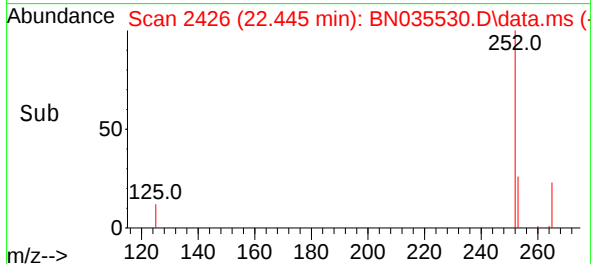
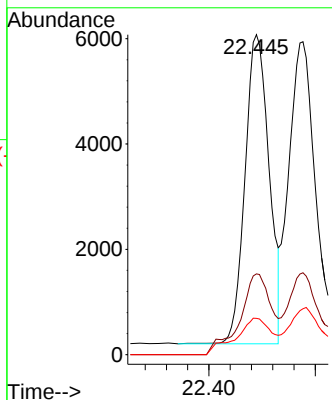


#37  
Benzo(b)fluoranthene  
Concen: 0.493 ng  
RT: 22.445 min Scan# 2426  
Delta R.T. -0.009 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

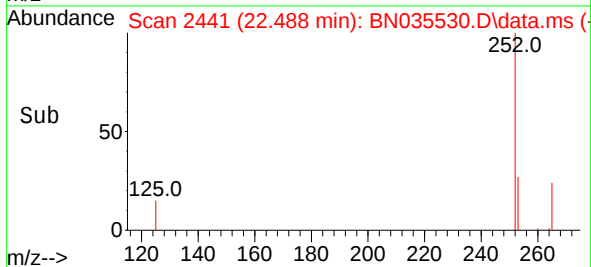
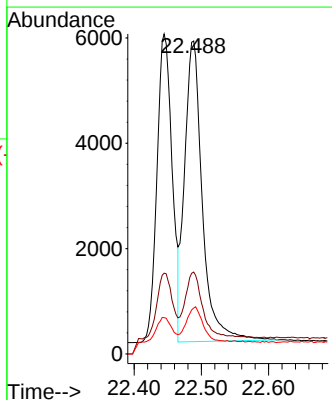
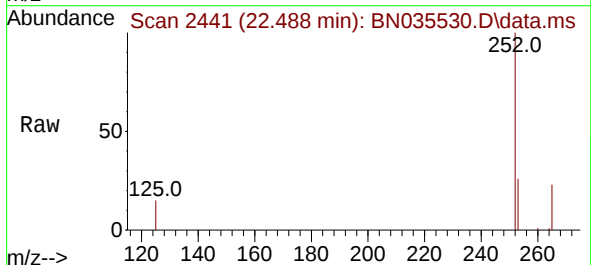


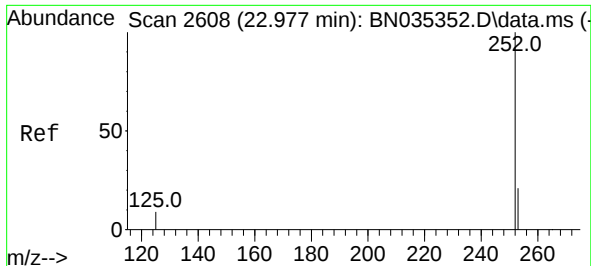
Tgt Ion:252 Resp: 12398  
Ion Ratio Lower Upper  
252 100  
253 25.3 19.6 29.4  
125 11.4 9.6 14.4



#38  
Benzo(k)fluoranthene  
Concen: 0.424 ng  
RT: 22.488 min Scan# 2441  
Delta R.T. -0.006 min  
Lab File: BN035530.D  
Acq: 10 Dec 2024 12:40

Tgt Ion:252 Resp: 10500  
Ion Ratio Lower Upper  
252 100  
253 26.2 19.5 29.3  
125 14.7 10.2 15.4





#39

Benzo(a)pyrene

Concen: 0.362 ng

RT: 22.968 min Scan# 2605

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

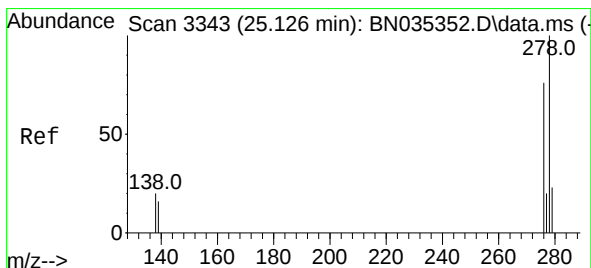
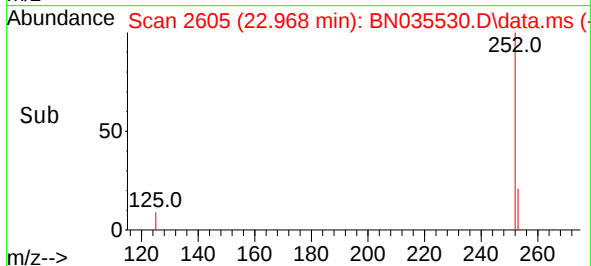
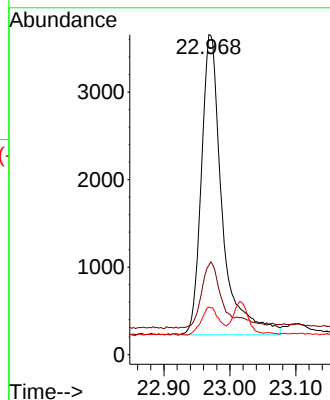
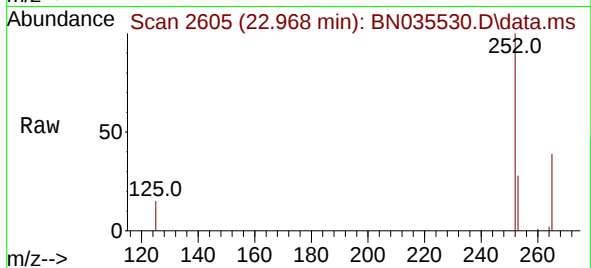
Tgt Ion:252 Resp: 7505

Ion Ratio Lower Upper

252 100

253 27.9 20.2 30.4

125 14.9 10.9 16.3



#40

Dibenzo(a,h)anthracene

Concen: 0.349 ng

RT: 25.117 min Scan# 3340

Delta R.T. -0.009 min

Lab File: BN035530.D

Acq: 10 Dec 2024 12:40

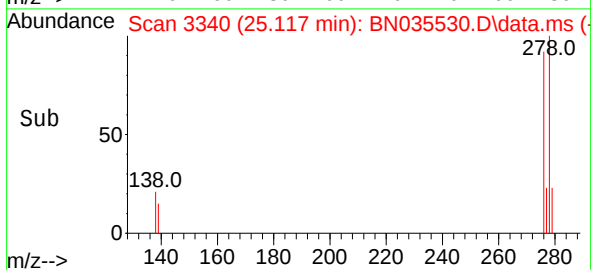
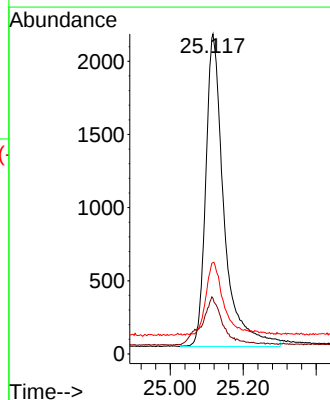
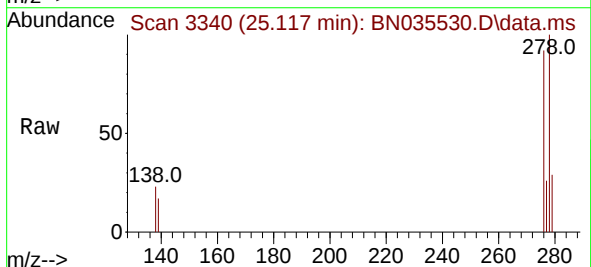
Tgt Ion:278 Resp: 7400

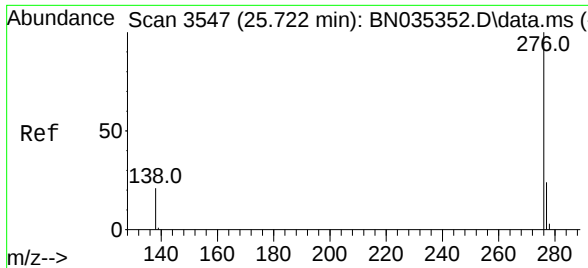
Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

279 28.5 20.5 30.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.371 ng  
 RT: 25.707 min Scan# 3542  
 Delta R.T. -0.015 min  
 Lab File: BN035530.D  
 Acq: 10 Dec 2024 12:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 8233 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.7  | 19.9  | 29.9 |
| 138       | 21.7  | 17.8  | 26.8 |

