

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
 Data File : BN037588.D  
 Acq On : 13 Aug 2025 10:28  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Aug 13 11:18:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

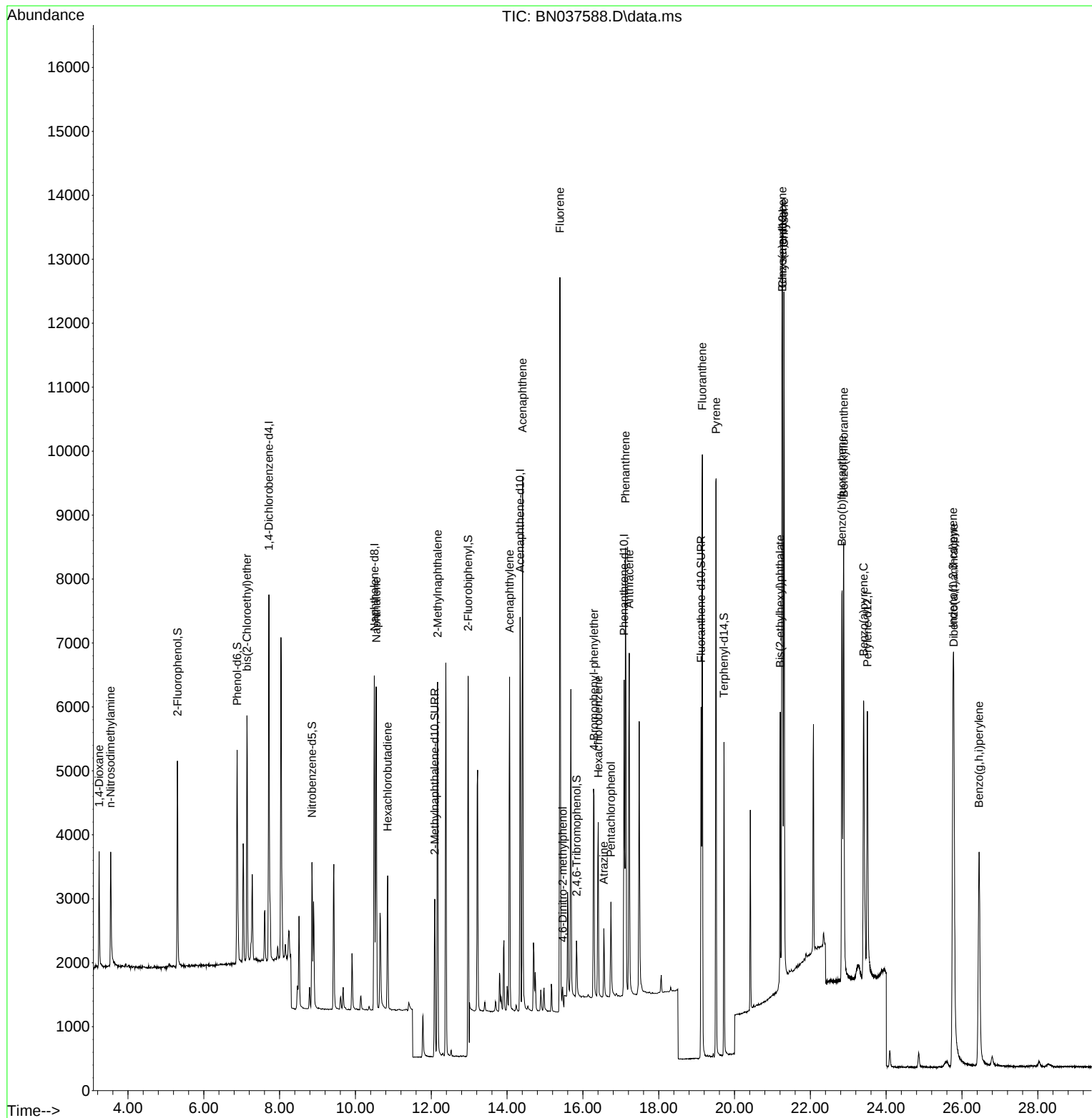
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 2728     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 6843     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 3392     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 6530     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.268 | 240  | 6467     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.505 | 264  | 5771     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 2517     | 0.407 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 3095     | 0.416 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1815     | 0.377 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.091 | 152  | 3475     | 0.374 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 562      | 0.379 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 7792     | 0.397 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 6069     | 0.353 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.722 | 244  | 4699     | 0.353 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 1125     | 0.431 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 1239     | 0.372 | ng    | 93       |
| 6) bis(2-Chloroethyl)ether    | 7.139  | 93   | 2771     | 0.413 | ng    | 98       |
| 9) Naphthalene                | 10.552 | 128  | 7172     | 0.394 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.851 | 225  | 1680     | 0.377 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.167 | 142  | 4410     | 0.386 | ng    | 98       |
| 16) Acenaphthylene            | 14.067 | 152  | 5779     | 0.380 | ng    | 99       |
| 17) Acenaphthene              | 14.409 | 154  | 3915     | 0.379 | ng    | 99       |
| 18) Fluorene                  | 15.393 | 166  | 5059     | 0.374 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 279      | 0.416 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.292 | 248  | 1578     | 0.384 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.404 | 284  | 2318     | 0.398 | ng    | 98       |
| 23) Atrazine                  | 16.553 | 200  | 910      | 0.392 | ng    | 98       |
| 24) Pentachlorophenol         | 16.739 | 266  | 795      | 0.389 | ng    | 97       |
| 25) Phenanthrene              | 17.124 | 178  | 7610     | 0.383 | ng    | 100      |
| 26) Anthracene                | 17.223 | 178  | 6413     | 0.365 | ng    | 100      |
| 28) Fluoranthene              | 19.150 | 202  | 8323     | 0.365 | ng    | 99       |
| 30) Pyrene                    | 19.513 | 202  | 8327     | 0.344 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 9150     | 0.424 | ng    | 99       |
| 33) Chrysene                  | 21.304 | 228  | 9021     | 0.375 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 3651     | 0.410 | ng    | 92       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.765 | 276  | 9278     | 0.382 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.835 | 252  | 7838     | 0.358 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.879 | 252  | 8909     | 0.361 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.405 | 252  | 7079     | 0.390 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.785 | 278  | 7165     | 0.380 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.452 | 276  | 7382     | 0.371 | ng    | 100      |

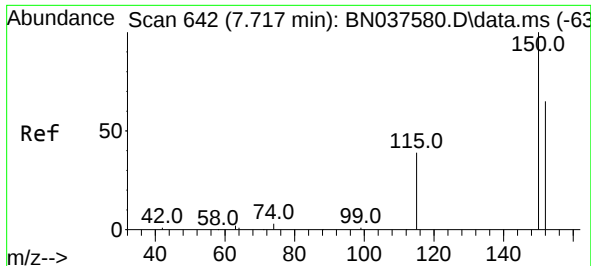
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037588.D  
Acq On : 13 Aug 2025 10:28  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Aug 13 11:18:48 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration

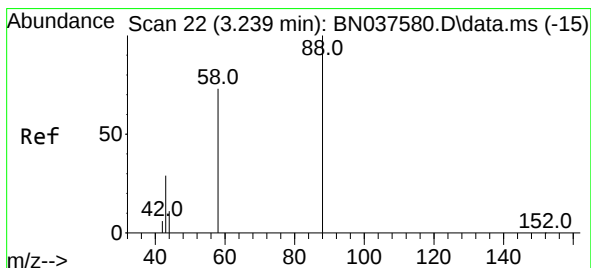
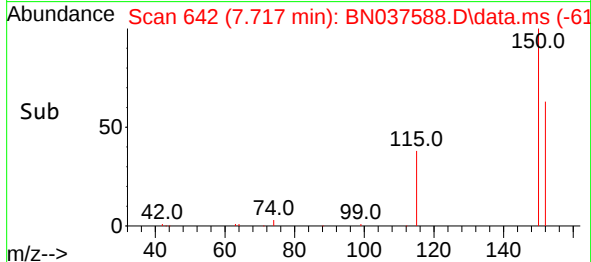
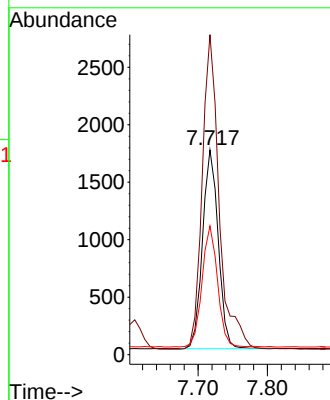
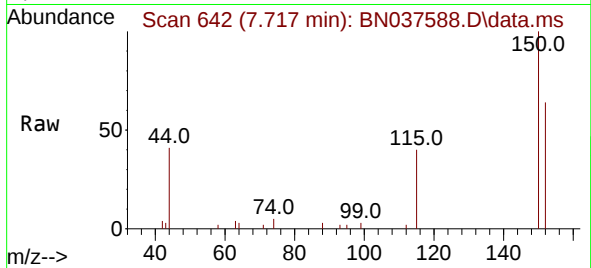




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.717 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

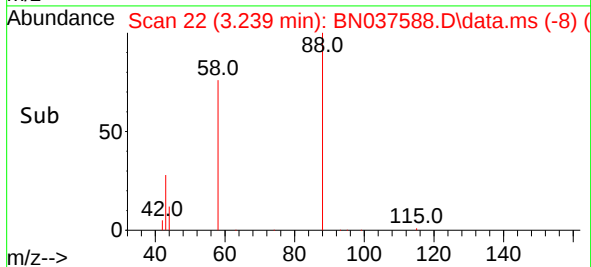
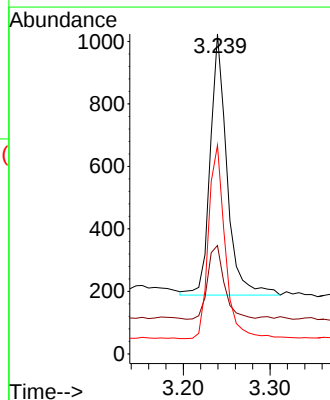
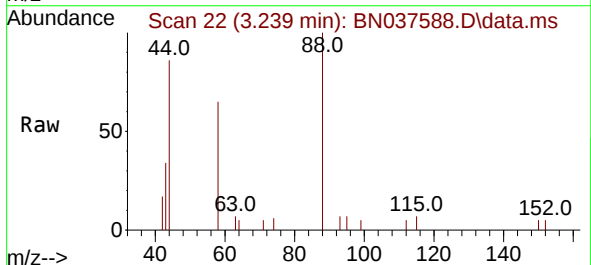
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

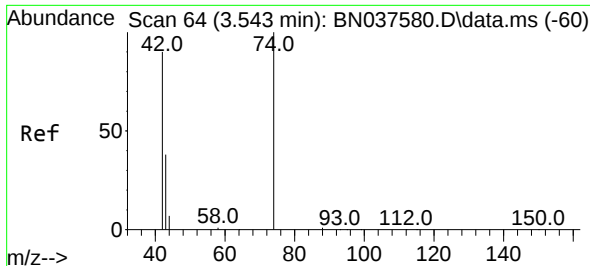
Tgt Ion:152 Resp: 2728  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 122.2 183.4  
 115 62.8 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 0.431 ng  
 RT: 3.239 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

Tgt Ion: 88 Resp: 1125  
 Ion Ratio Lower Upper  
 88 100  
 43 28.4 25.8 38.6  
 58 73.2 61.2 91.8

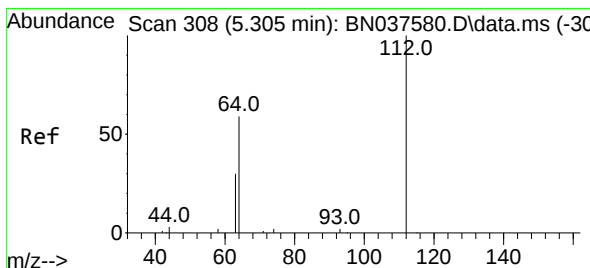
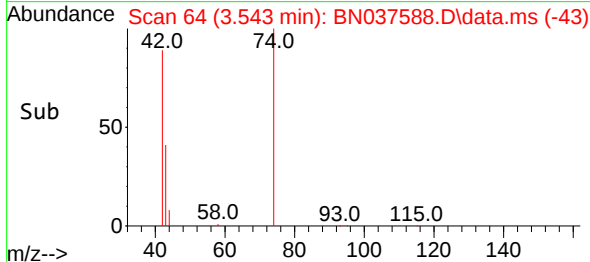
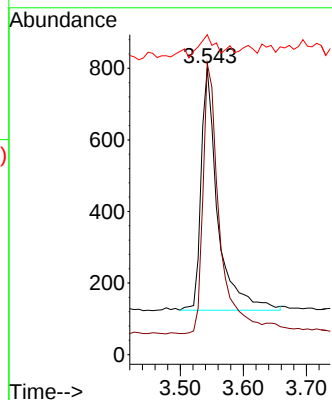
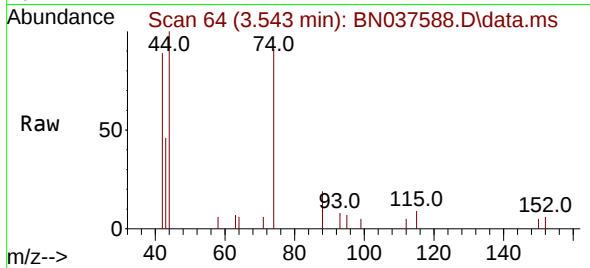




#3  
n-Nitrosodimethylamine  
Concen: 0.372 ng  
RT: 3.543 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

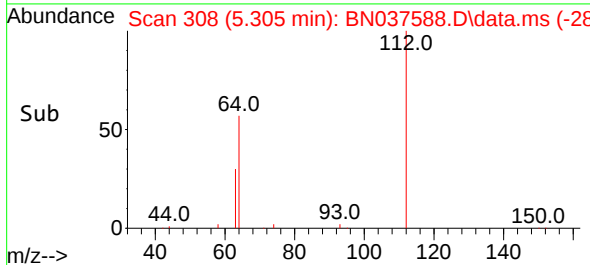
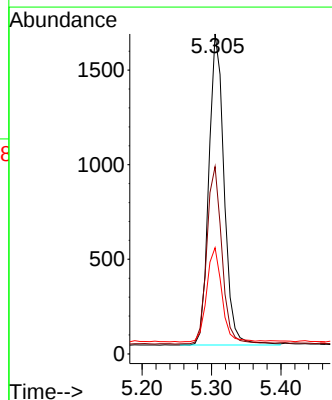
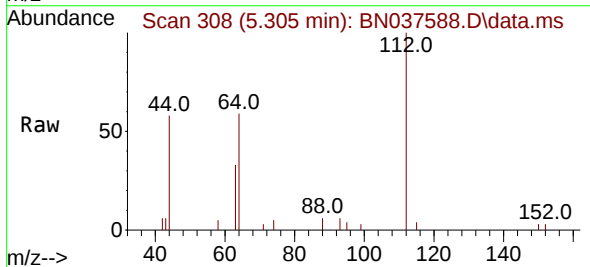
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

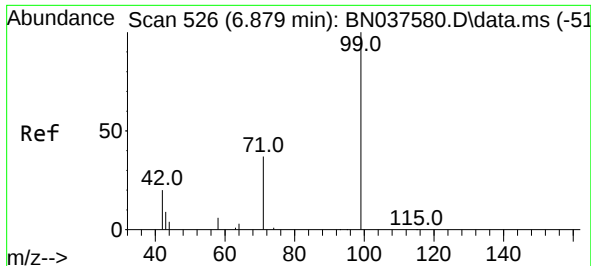
Tgt Ion: 42 Resp: 1239  
Ion Ratio Lower Upper  
42 100  
74 109.8 82.0 123.0  
44 10.3 7.9 11.9



#4  
2-Fluorophenol  
Concen: 0.407 ng  
RT: 5.305 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion: 112 Resp: 2517  
Ion Ratio Lower Upper  
112 100  
64 56.7 44.9 67.3  
63 30.0 23.4 35.2

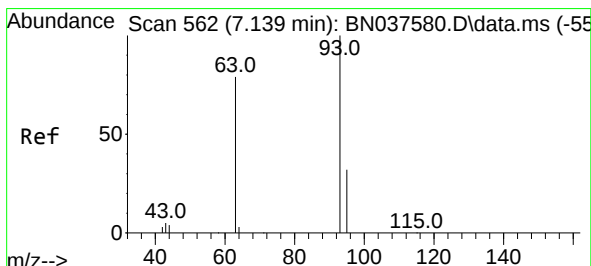
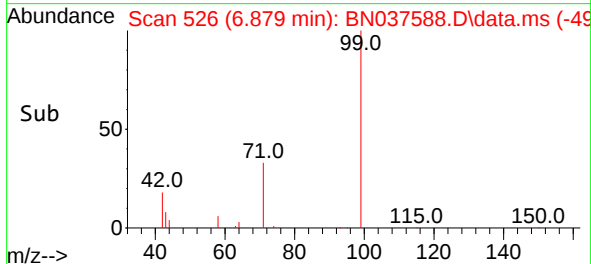
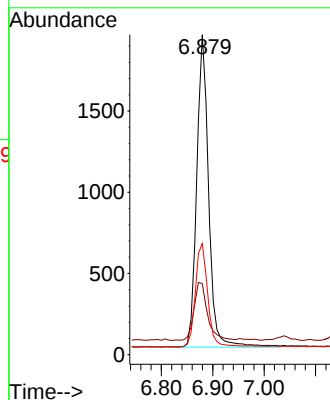
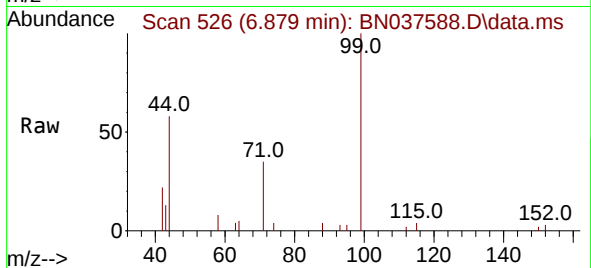




#5  
Phenol-d6  
Concen: 0.416 ng  
RT: 6.879 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

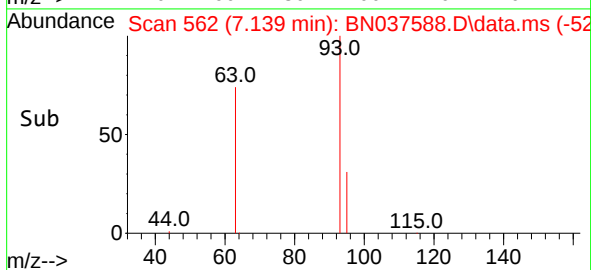
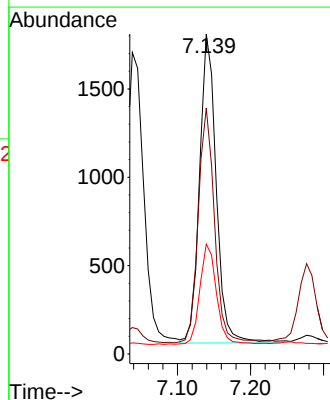
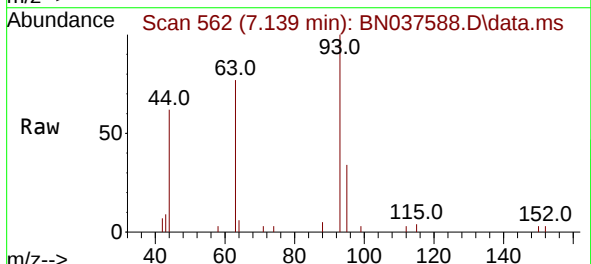
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

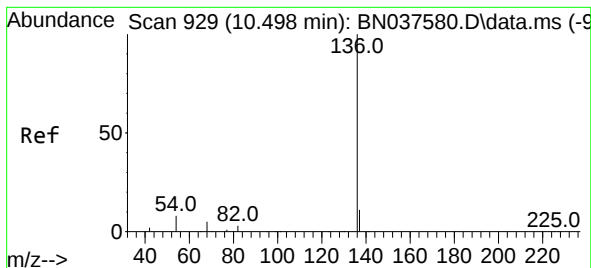
Tgt Ion: 99 Resp: 3095  
Ion Ratio Lower Upper  
99 100  
42 21.0 18.5 27.7  
71 34.2 28.6 42.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.413 ng  
RT: 7.139 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion: 93 Resp: 2771  
Ion Ratio Lower Upper  
93 100  
63 73.7 58.0 87.0  
95 32.2 24.9 37.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6843

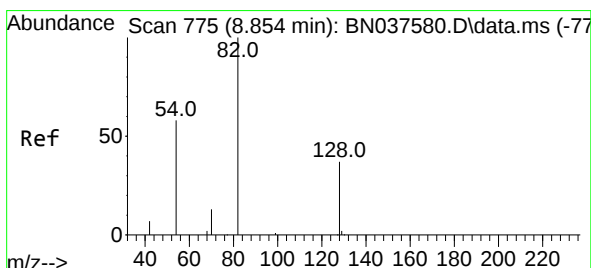
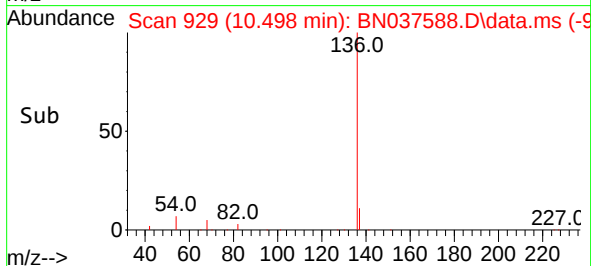
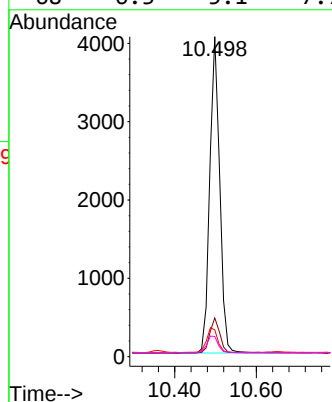
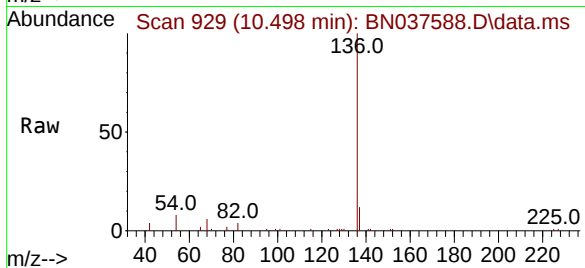
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 8.4 7.3 10.9

68 6.3 5.1 7.7



#8

Nitrobenzene-d5

Concen: 0.377 ng

RT: 8.854 min Scan# 775

Delta R.T. 0.000 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

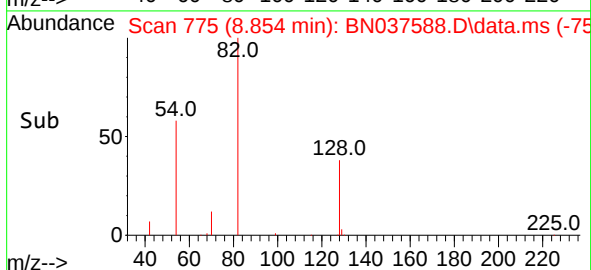
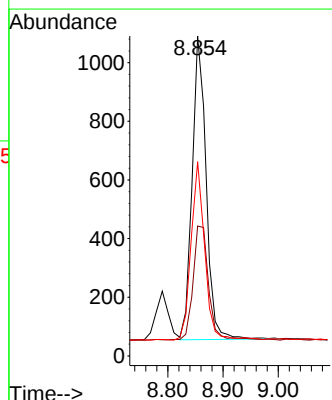
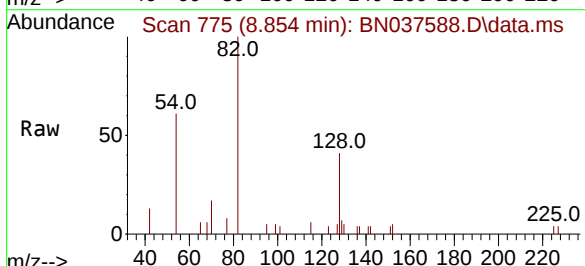
Tgt Ion: 82 Resp: 1815

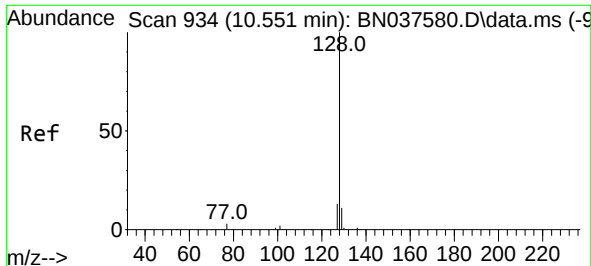
Ion Ratio Lower Upper

82 100

128 40.6 32.6 48.8

54 60.7 48.9 73.3

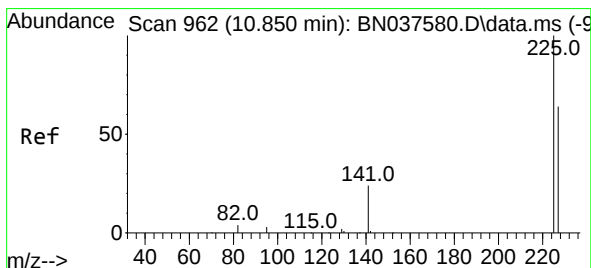
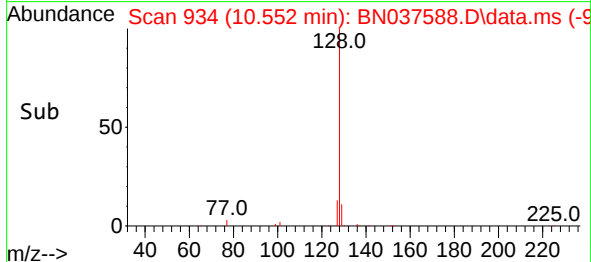
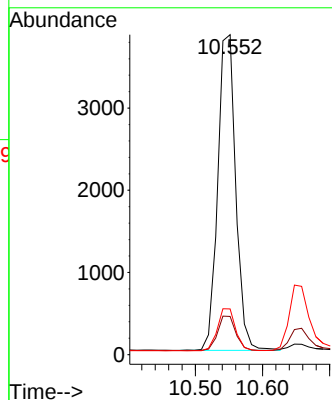
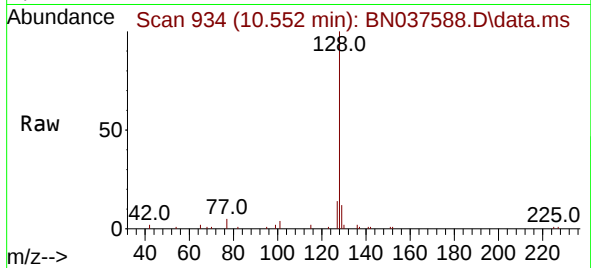




#9  
Naphthalene  
Concen: 0.394 ng  
RT: 10.552 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

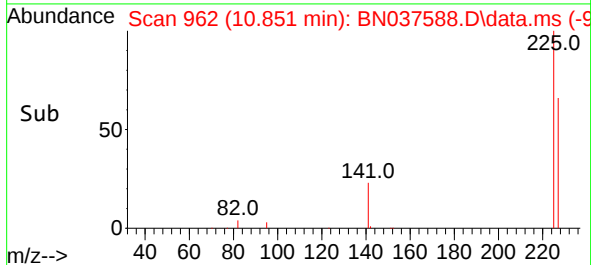
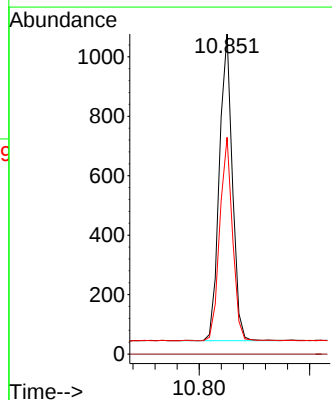
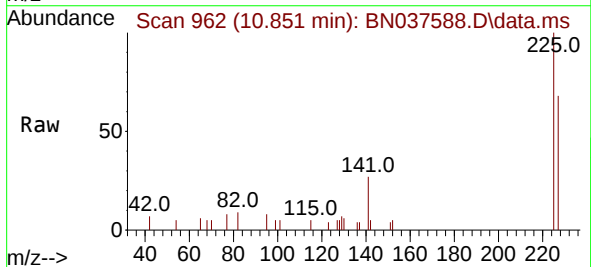
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

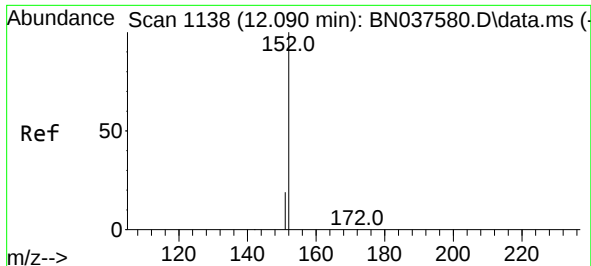
Tgt Ion:128 Resp: 7172  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.8 14.6  
127 14.3 11.5 17.3



#10  
Hexachlorobutadiene  
Concen: 0.377 ng  
RT: 10.851 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:225 Resp: 1680  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.8 50.8 76.2

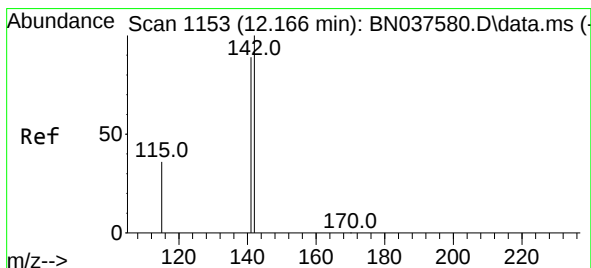
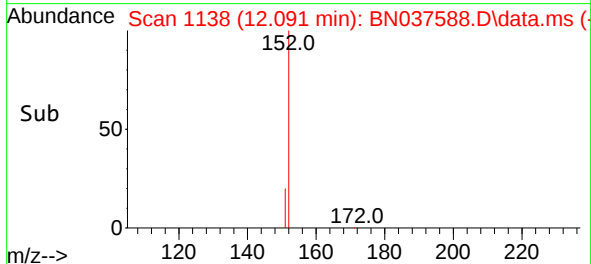
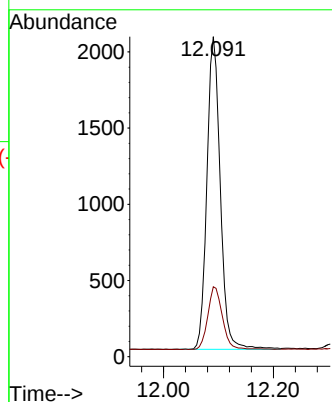
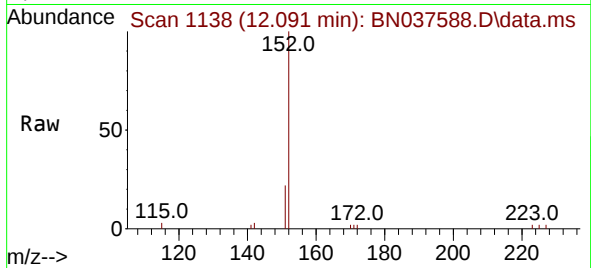




#11  
2-Methylnaphthalene-d10  
Concen: 0.374 ng  
RT: 12.091 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

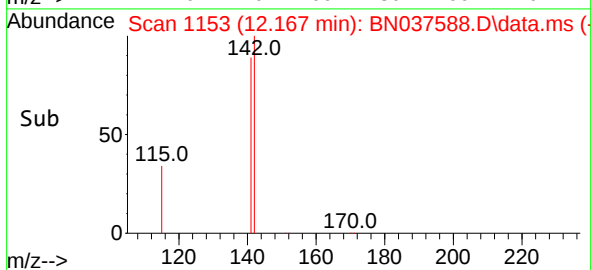
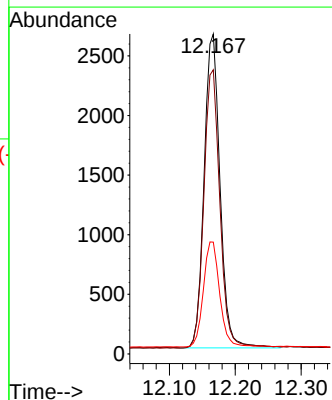
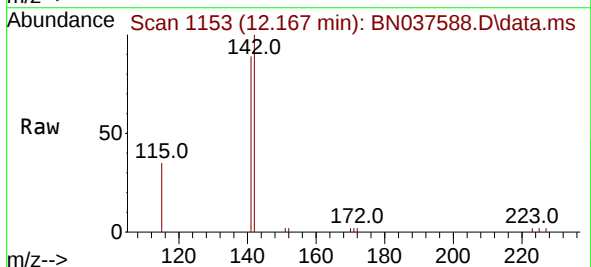
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

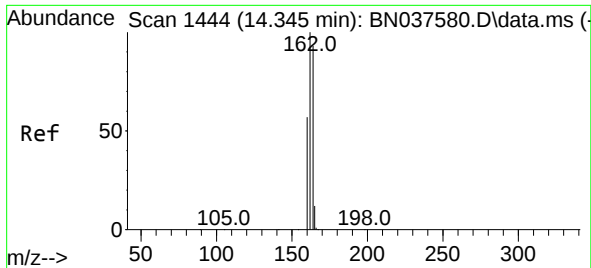
Tgt Ion:152 Resp: 3475  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.3 25.9



#12  
2-Methylnaphthalene  
Concen: 0.386 ng  
RT: 12.167 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:142 Resp: 4410  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.4 107.0  
115 34.9 30.2 45.4

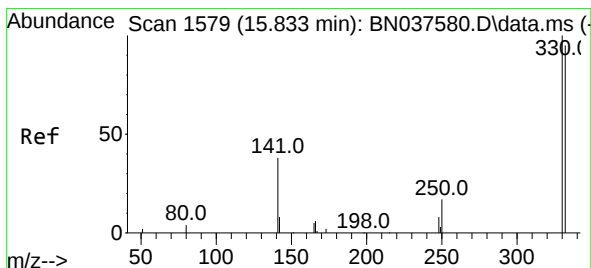
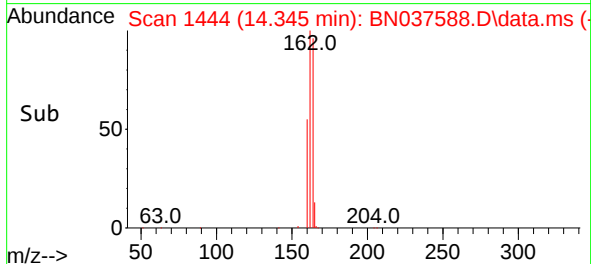
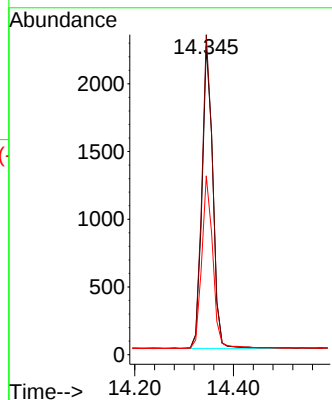
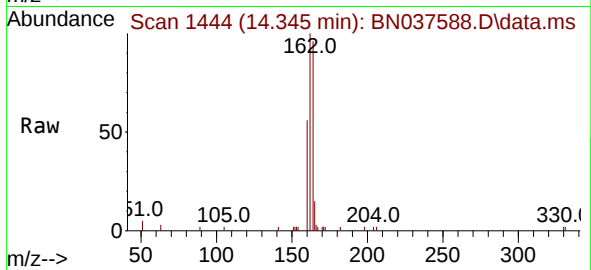




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

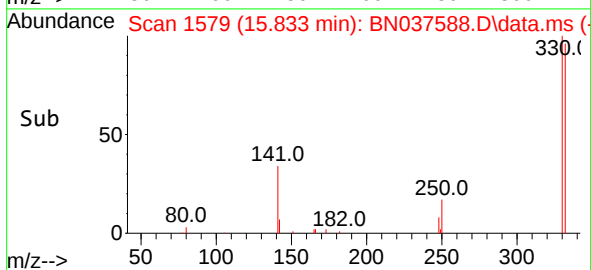
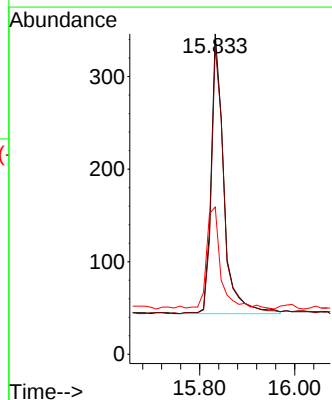
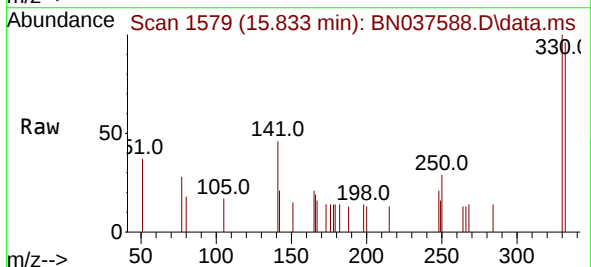
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

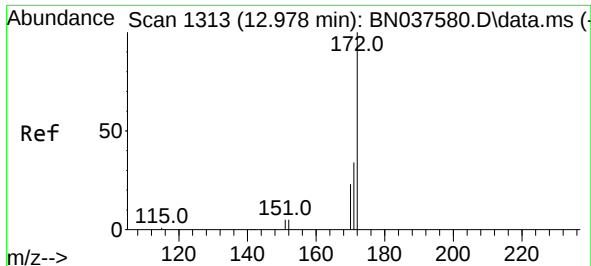
Tgt Ion:164 Resp: 3392  
Ion Ratio Lower Upper  
164 100  
162 103.7 85.5 128.3  
160 58.0 49.5 74.3



#14  
2,4,6-Tribromophenol  
Concen: 0.379 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:330 Resp: 562  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.4 116.0  
141 41.1 30.9 46.3

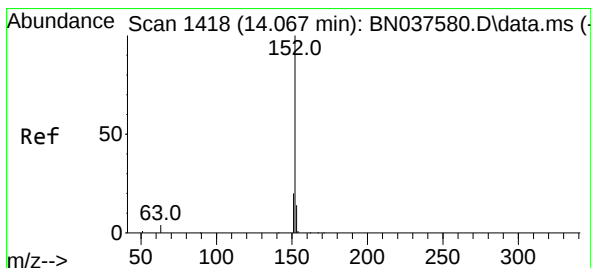
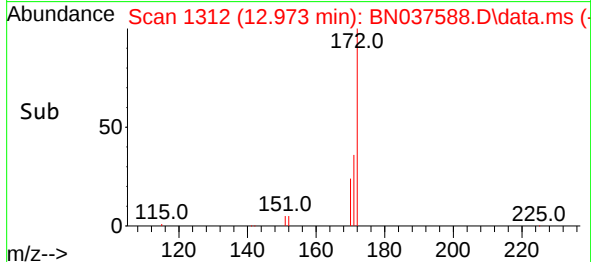
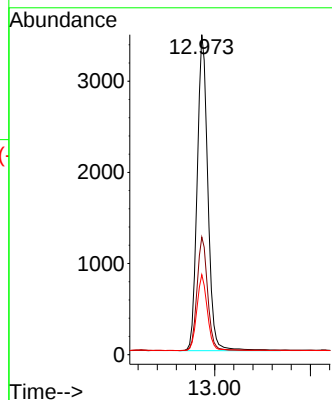
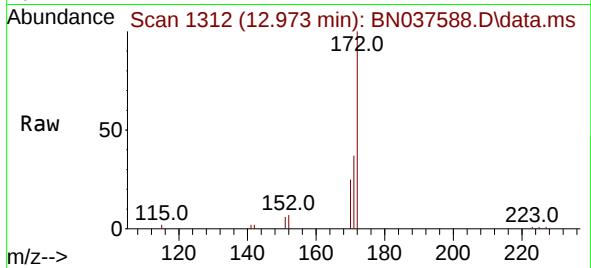




#15  
2-Fluorobiphenyl  
Concen: 0.397 ng  
RT: 12.973 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

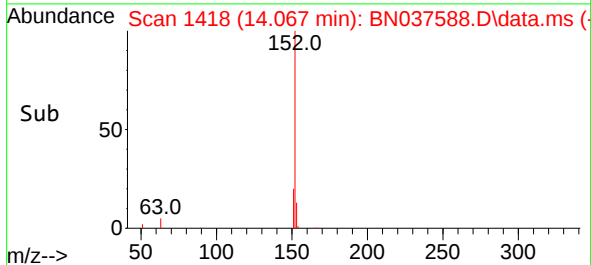
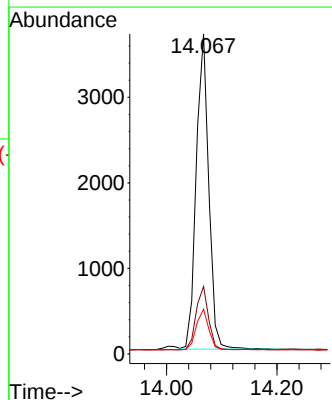
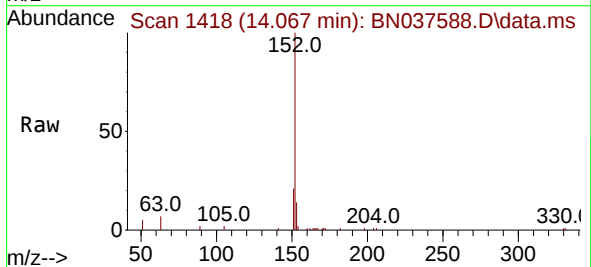
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

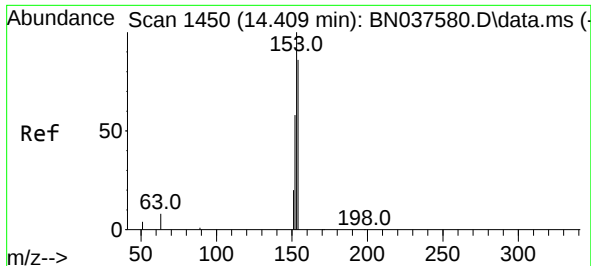
Tgt Ion:172 Resp: 7792  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.2 42.4  
170 25.0 19.2 28.8



#16  
Acenaphthylene  
Concen: 0.380 ng  
RT: 14.067 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:152 Resp: 5779  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.1 24.1  
153 13.0 10.7 16.1

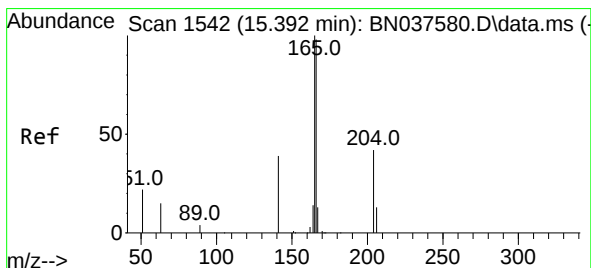
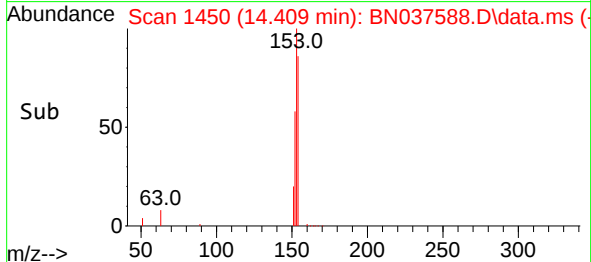
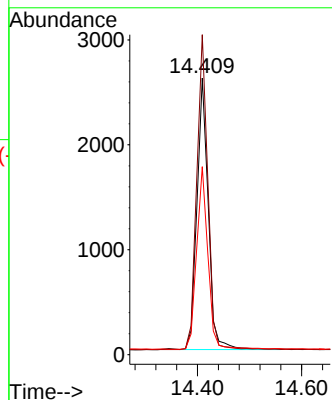
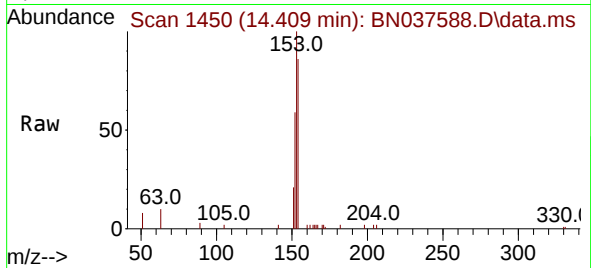




#17  
Acenaphthene  
Concen: 0.379 ng  
RT: 14.409 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

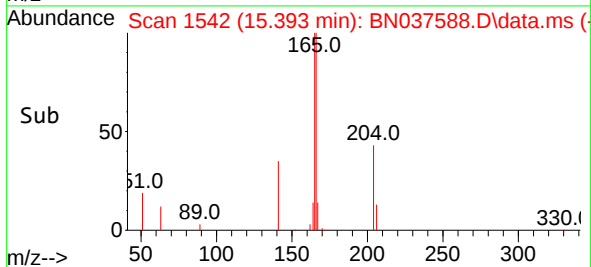
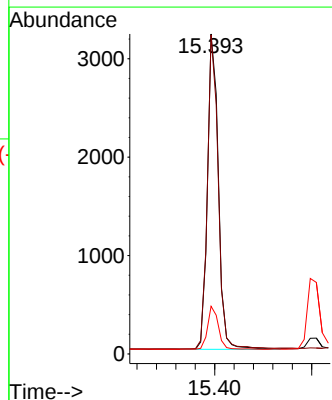
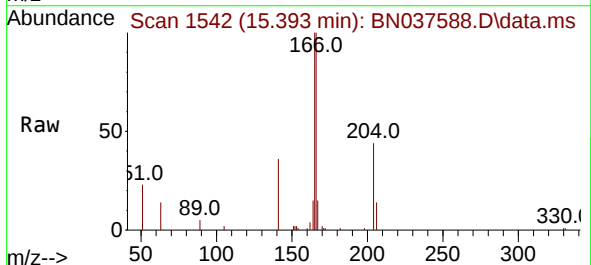
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

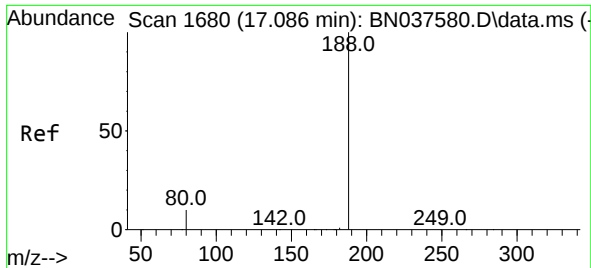
Tgt Ion:154 Resp: 3915  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.6 135.8  
152 67.5 54.9 82.3



#18  
Fluorene  
Concen: 0.374 ng  
RT: 15.393 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:166 Resp: 5059  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.9 118.3  
167 13.3 10.7 16.1

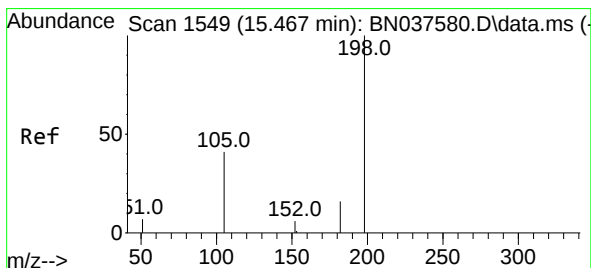
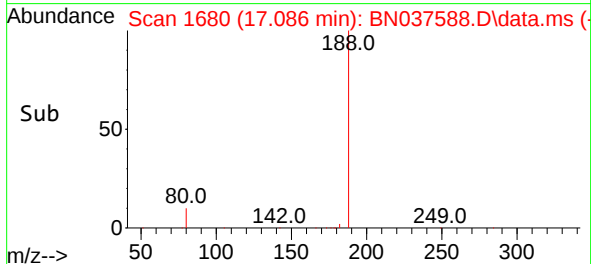
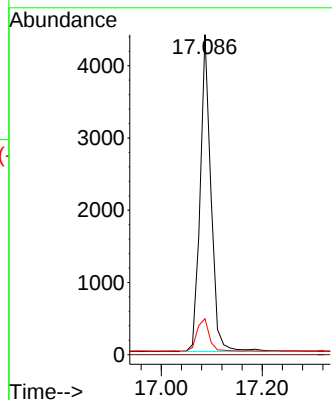
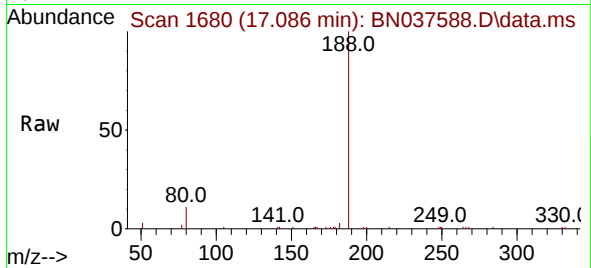




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

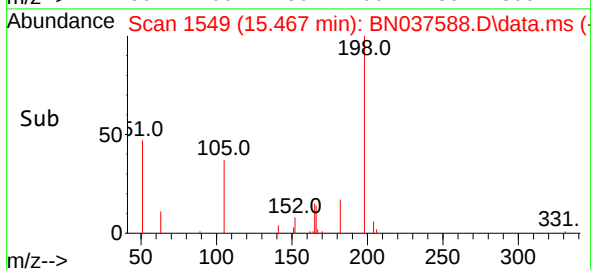
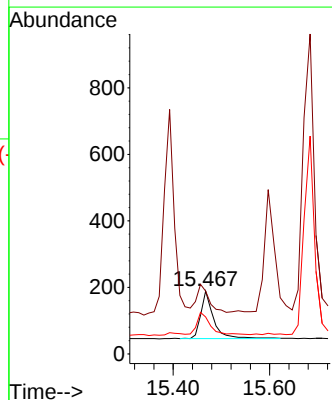
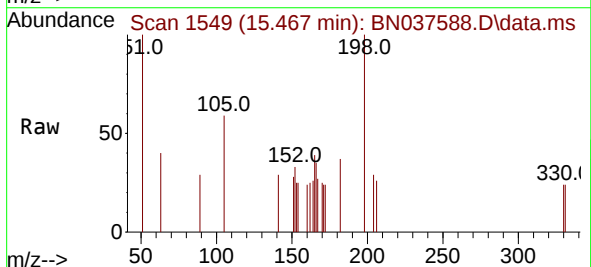
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

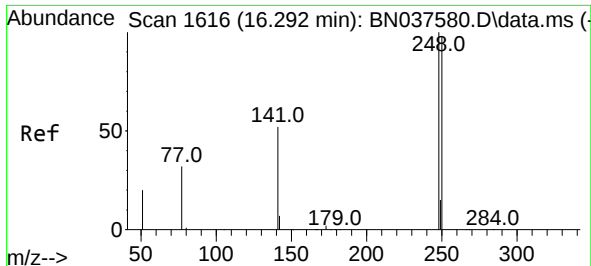
Tgt Ion:188 Resp: 6530  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 9.1 13.7



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.416 ng  
RT: 15.467 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:198 Resp: 279  
Ion Ratio Lower Upper  
198 100  
51 100.0 81.0 121.6  
105 58.7 52.5 78.7

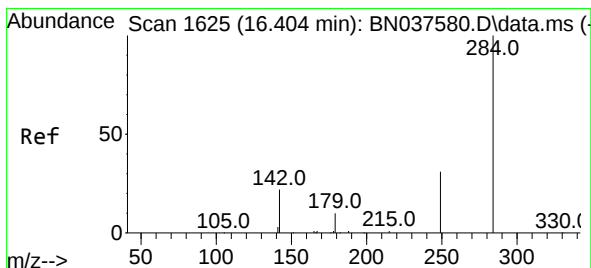
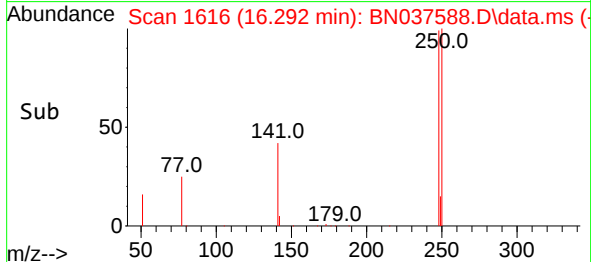
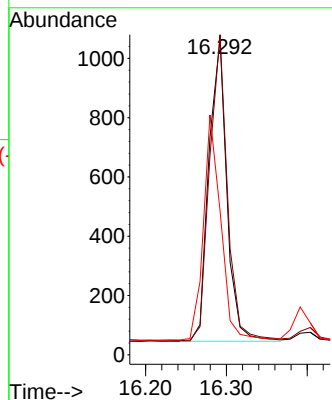
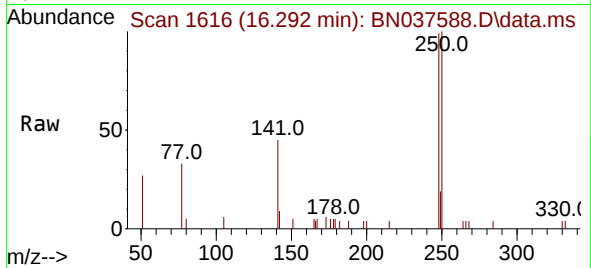




#21  
4-Bromophenyl-phenylether  
Concen: 0.384 ng  
RT: 16.292 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

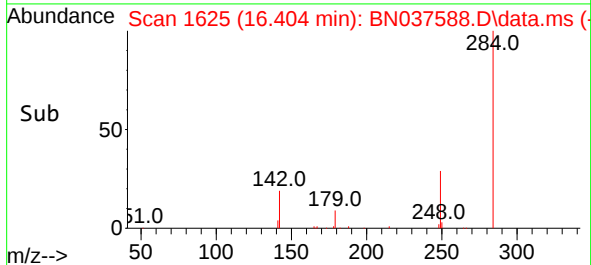
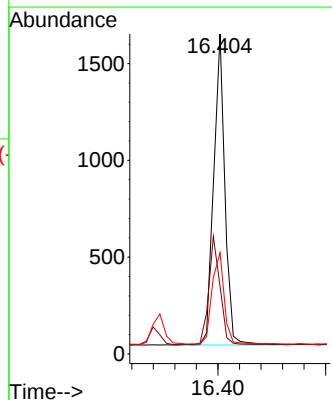
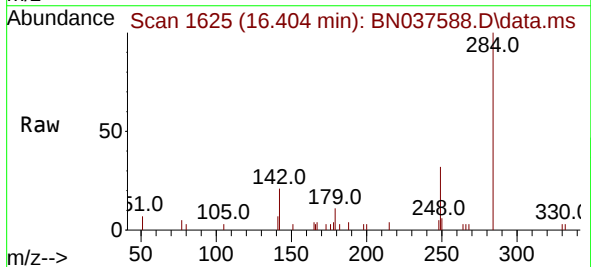
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

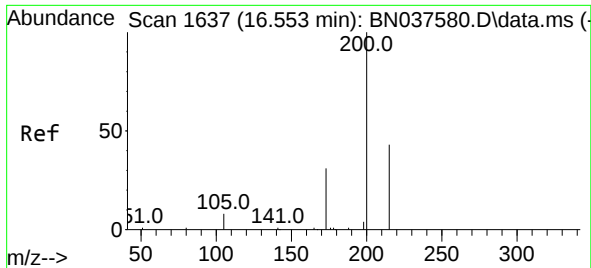
Tgt Ion:248 Resp: 1578  
Ion Ratio Lower Upper  
248 100  
250 101.2 78.6 118.0  
141 45.5 43.7 65.5



#22  
Hexachlorobenzene  
Concen: 0.398 ng  
RT: 16.404 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:284 Resp: 2318  
Ion Ratio Lower Upper  
284 100  
142 35.3 29.8 44.6  
249 32.1 26.0 39.0

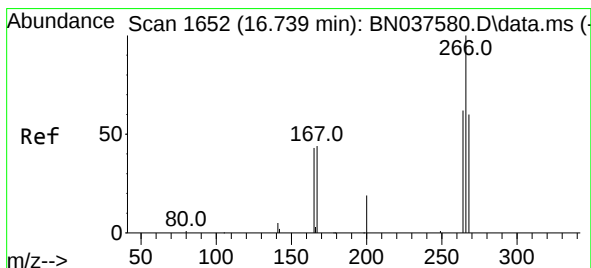
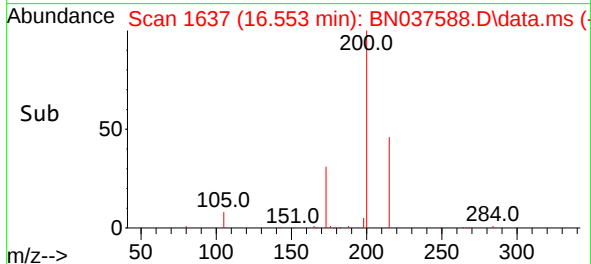
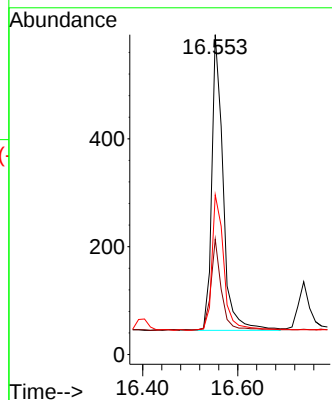
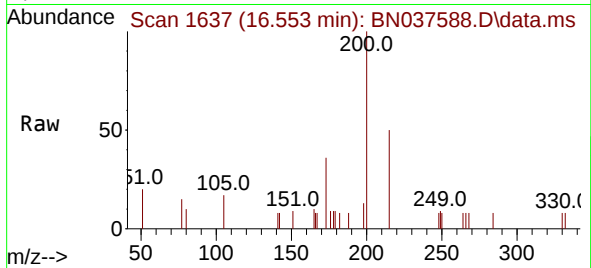




#23  
Atrazine  
Concen: 0.392 ng  
RT: 16.553 min Scan# 1637  
Delta R.T. -0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

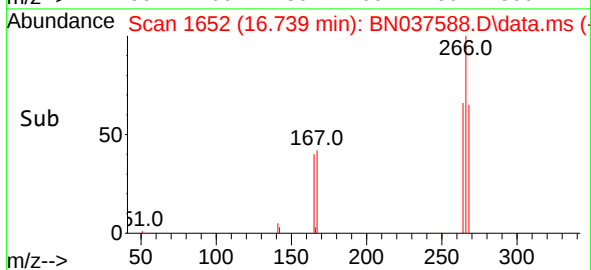
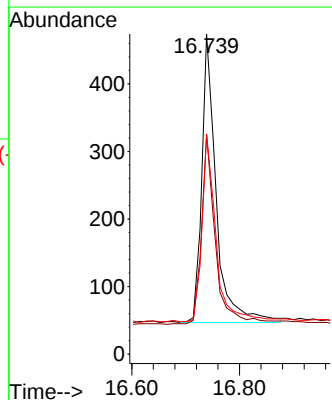
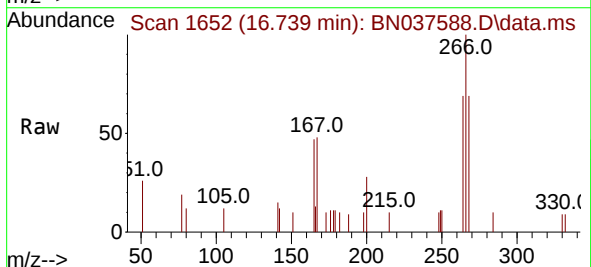
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

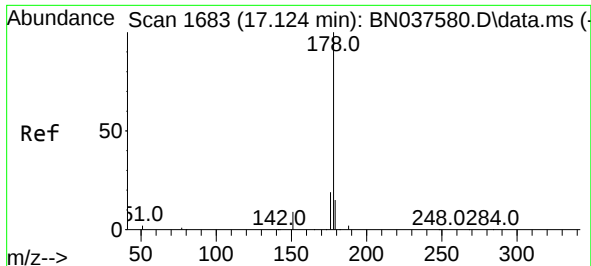
Tgt Ion:200 Resp: 910  
Ion Ratio Lower Upper  
200 100  
173 36.1 31.0 46.4  
215 49.9 39.4 59.0



#24  
Pentachlorophenol  
Concen: 0.389 ng  
RT: 16.739 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:266 Resp: 795  
Ion Ratio Lower Upper  
266 100  
264 64.2 49.6 74.4  
268 63.6 49.2 73.8

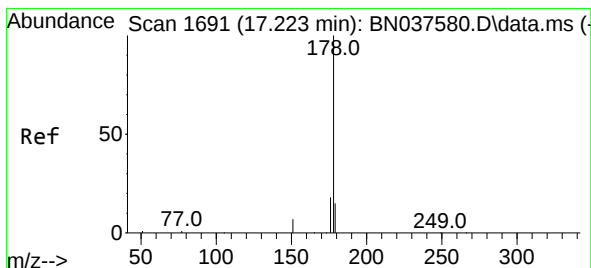
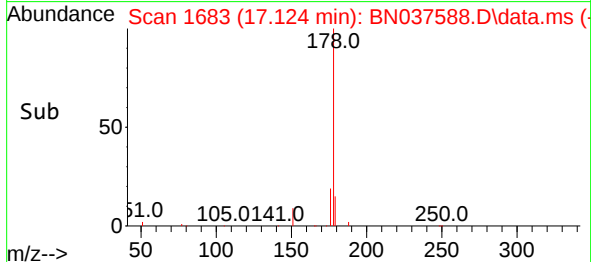
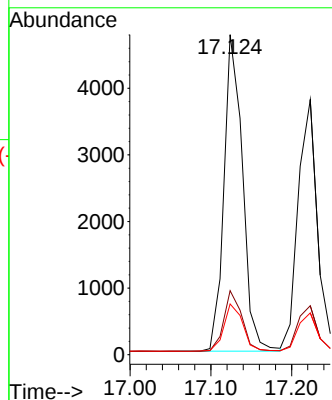
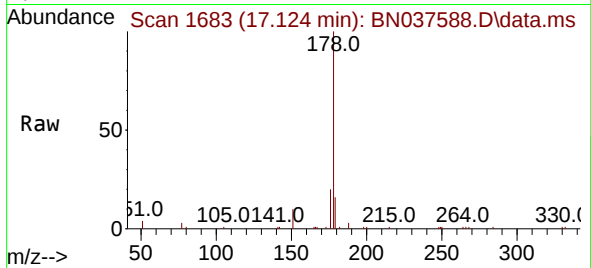




#25  
Phenanthrene  
Concen: 0.383 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

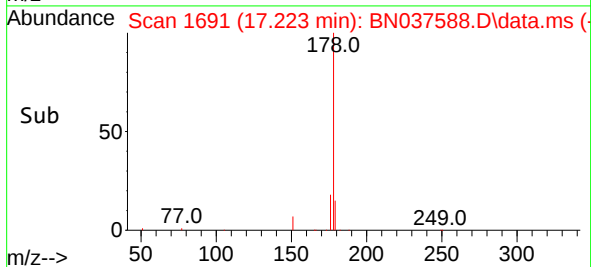
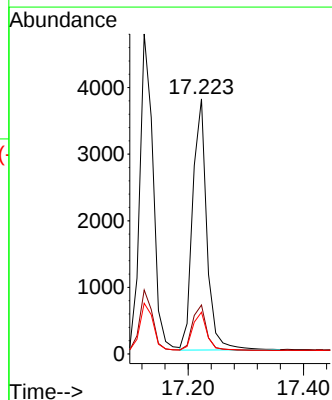
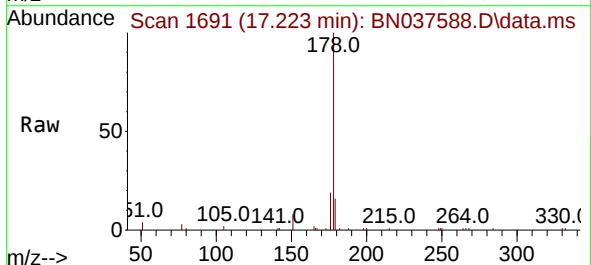
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

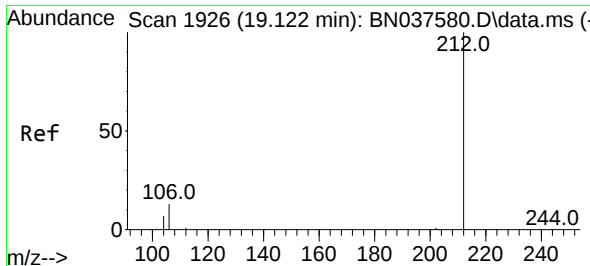
Tgt Ion:178 Resp: 7610  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.4 12.3 18.5



#26  
Anthracene  
Concen: 0.365 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:178 Resp: 6413  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.7 22.1  
179 15.5 12.3 18.5

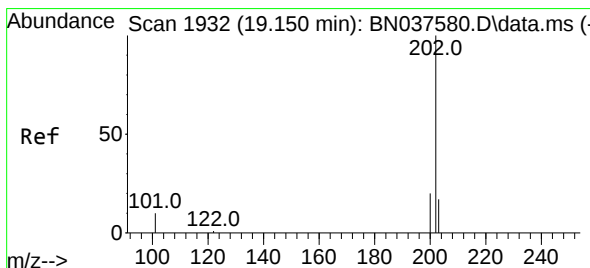
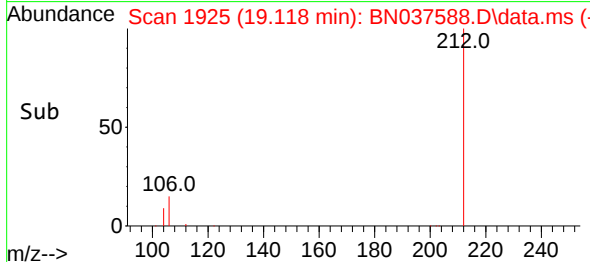
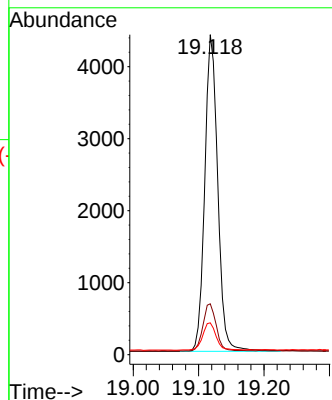
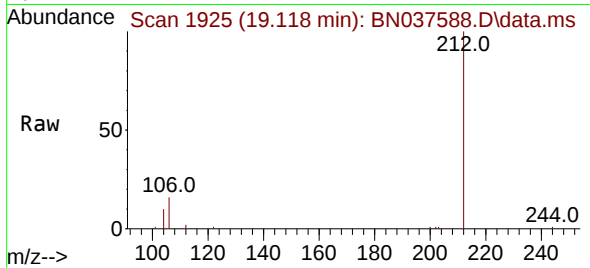




#27  
Fluoranthene-d10  
Concen: 0.353 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.004 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

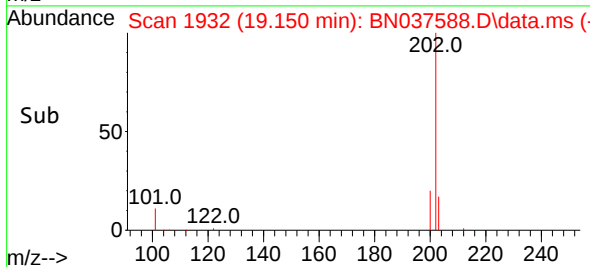
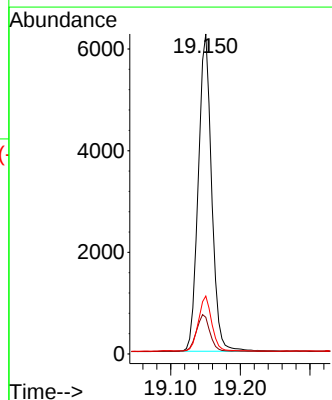
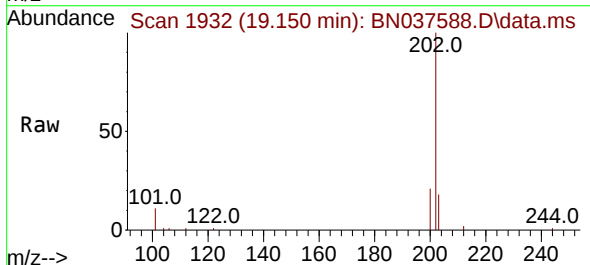
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

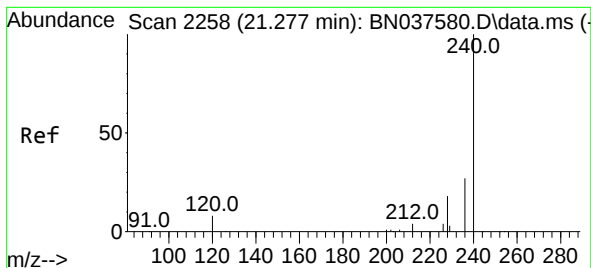
Tgt Ion:212 Resp: 6069  
Ion Ratio Lower Upper  
212 100  
106 15.2 11.5 17.3  
104 8.9 6.6 9.8



#28  
Fluoranthene  
Concen: 0.365 ng  
RT: 19.150 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Tgt Ion:202 Resp: 8323  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.0 13.6  
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

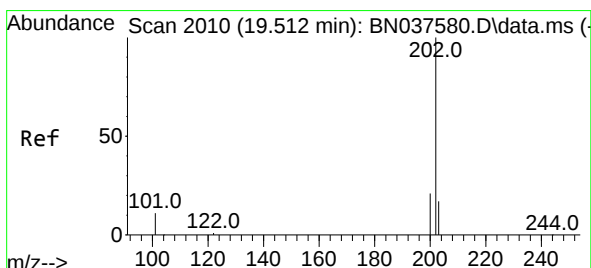
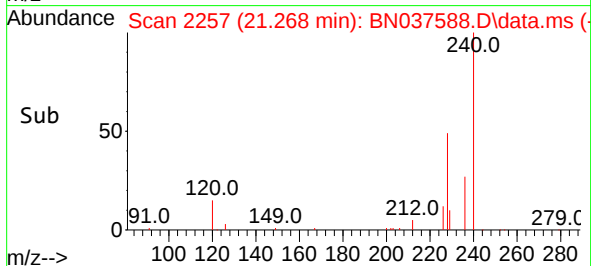
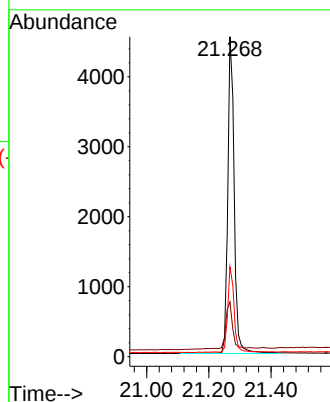
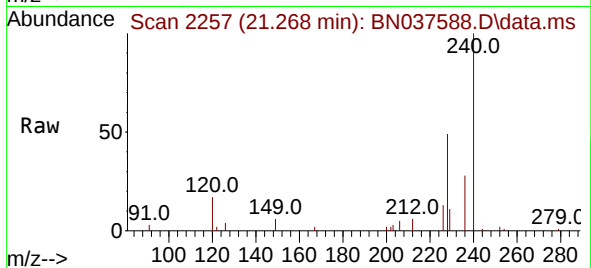
Tgt Ion:240 Resp: 6467

Ion Ratio Lower Upper

240 100

120 17.1 8.9 13.3#

236 28.1 22.6 33.8



#30

Pyrene

Concen: 0.344 ng

RT: 19.513 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

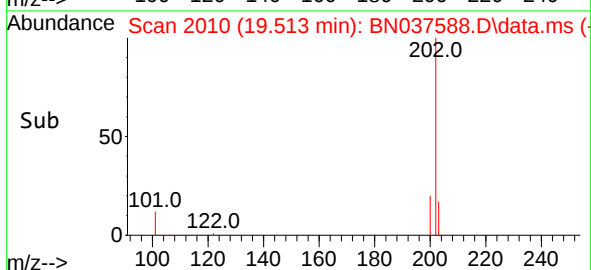
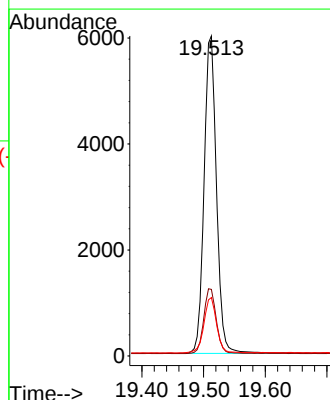
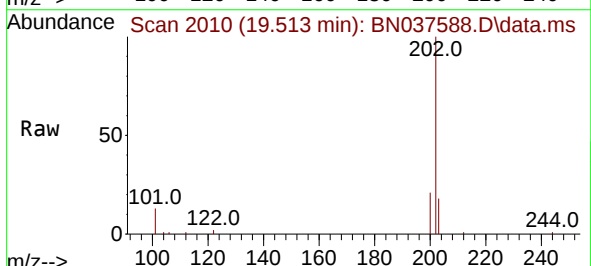
Tgt Ion:202 Resp: 8327

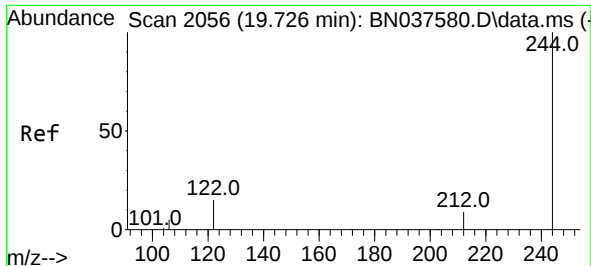
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 17.9 14.3 21.5

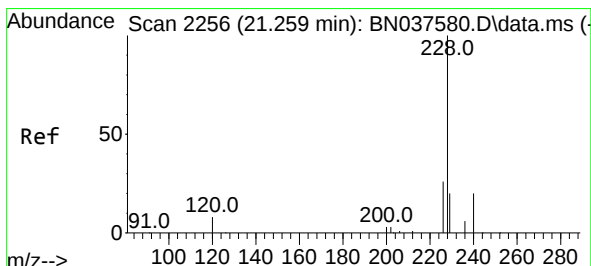
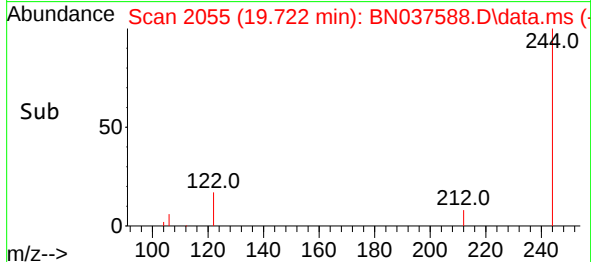
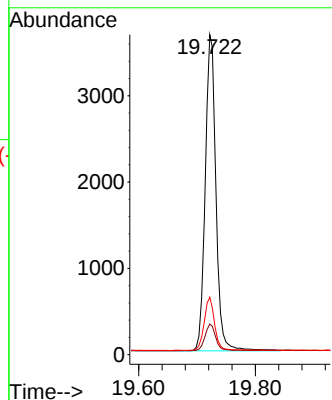
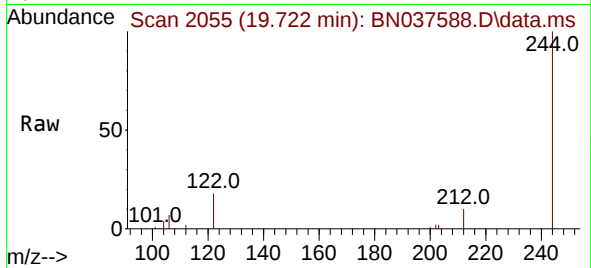




#31  
 Terphenyl-d14  
 Concen: 0.353 ng  
 RT: 19.722 min Scan# 2056  
 Delta R.T. -0.004 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

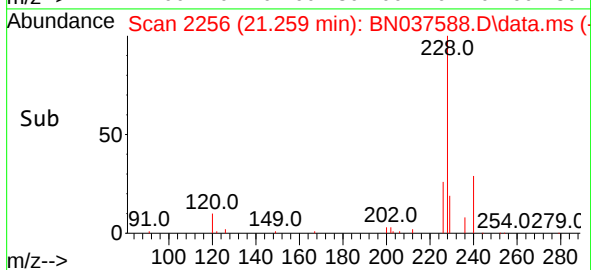
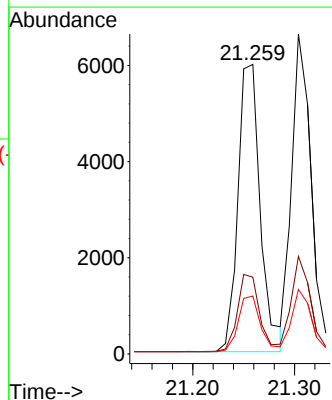
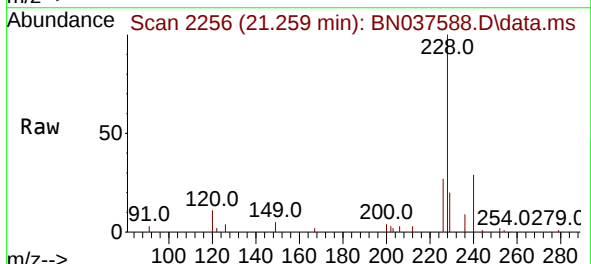
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

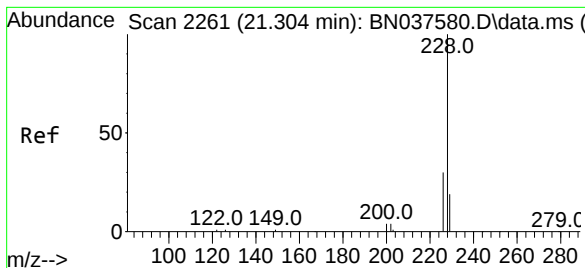
Tgt Ion:244 Resp: 4699  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 8.2 12.2  
 122 18.0 13.2 19.8



#32  
 Benzo(a)anthracene  
 Concen: 0.424 ng  
 RT: 21.259 min Scan# 2256  
 Delta R.T. 0.000 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

Tgt Ion:228 Resp: 9150  
 Ion Ratio Lower Upper  
 228 100  
 226 26.5 21.5 32.3  
 229 20.0 16.5 24.7





#33

Chrysene

Concen: 0.375 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

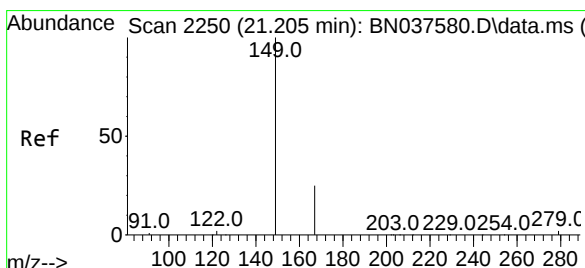
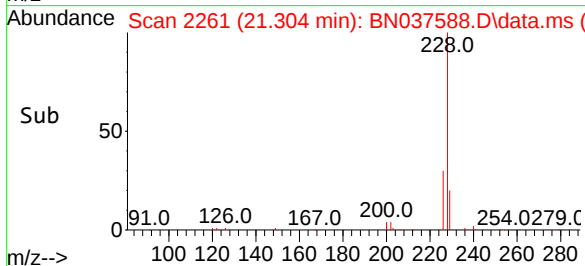
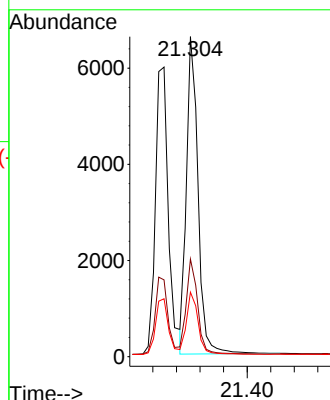
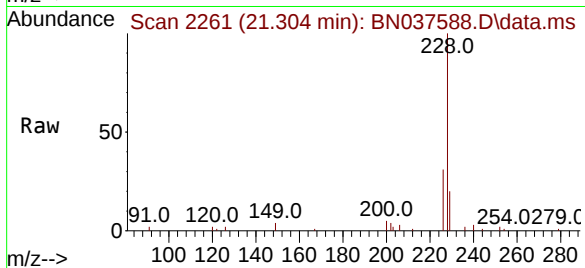
Tgt Ion:228 Resp: 9021

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

229 20.1 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.410 ng

RT: 21.205 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BN037588.D

Acq: 13 Aug 2025 10:28

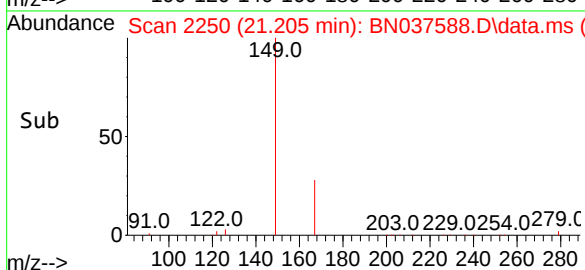
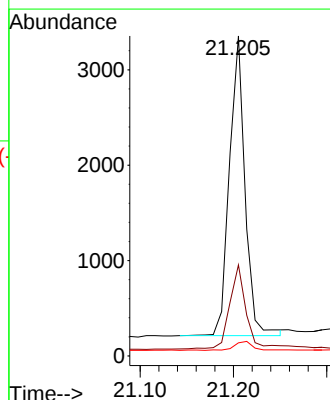
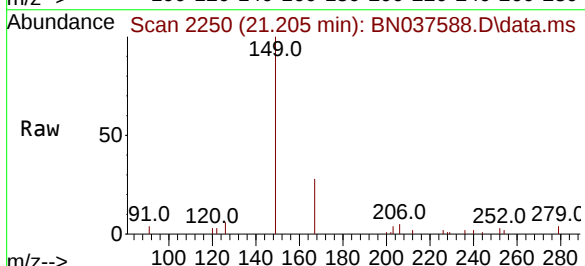
Tgt Ion:149 Resp: 3651

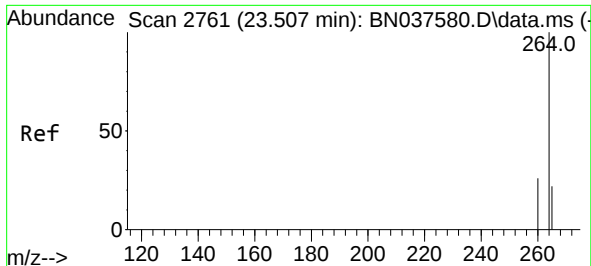
Ion Ratio Lower Upper

149 100

167 29.9 20.5 30.7

279 3.6 2.6 4.0

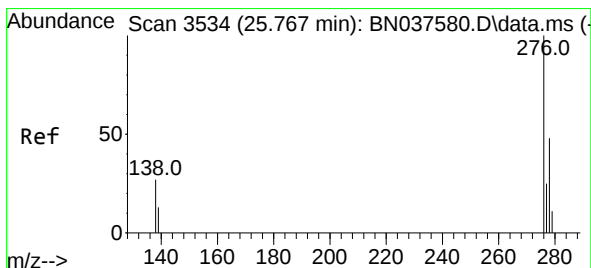
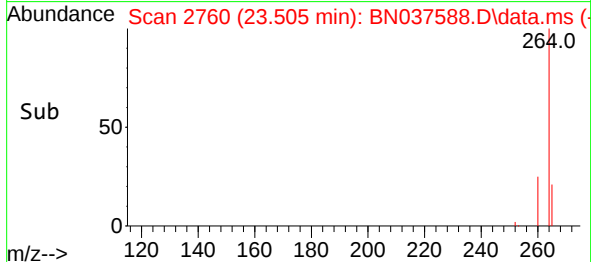
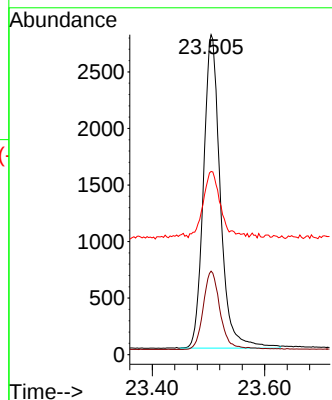
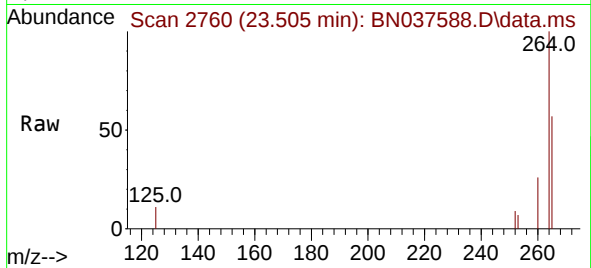




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.505 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

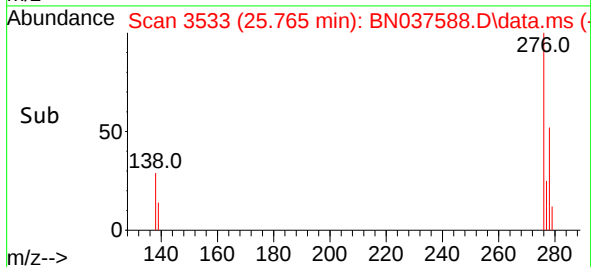
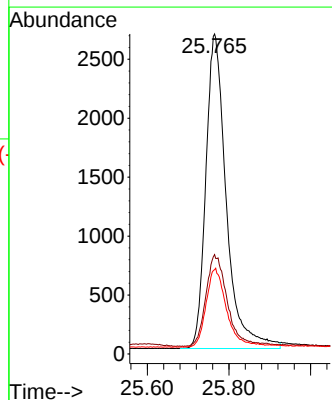
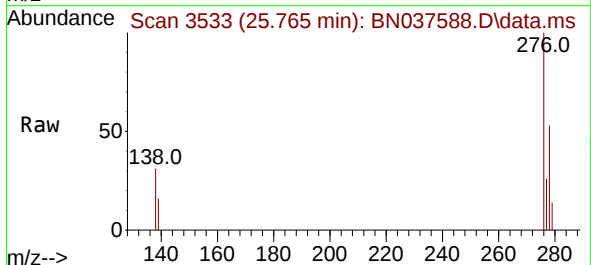
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

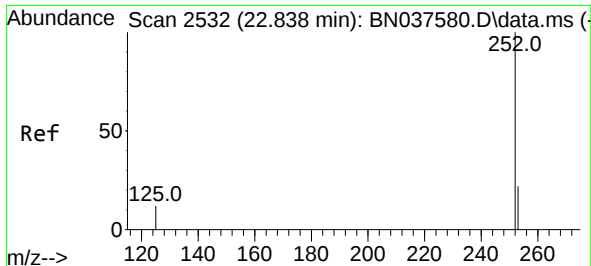
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 5771 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 26.1  | 21.6  | 32.4 |
| 265       | 57.3  | 48.2  | 72.4 |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.382 ng  
 RT: 25.765 min Scan# 3533  
 Delta R.T. -0.003 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

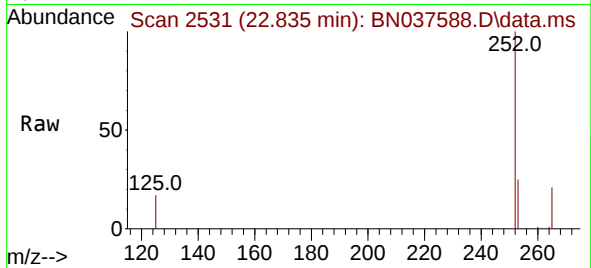
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 9278 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 30.3  | 23.3  | 34.9 |
| 277       | 24.8  | 19.5  | 29.3 |



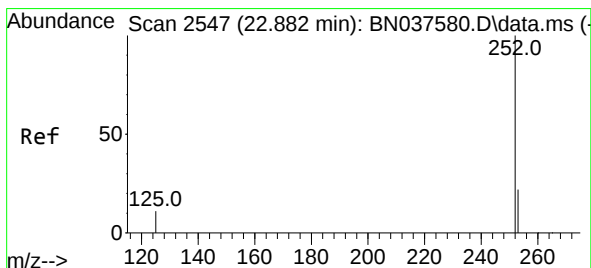
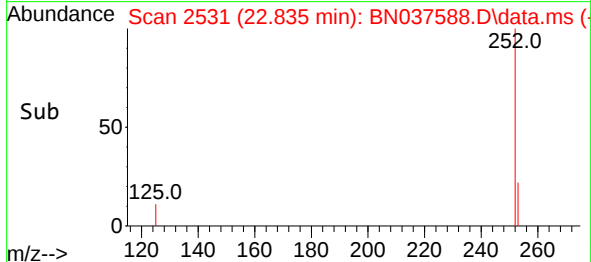
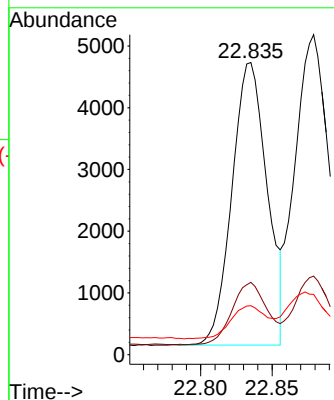


#37  
Benzo(b)fluoranthene  
Concen: 0.358 ng  
RT: 22.835 min Scan# 2531  
Delta R.T. -0.003 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

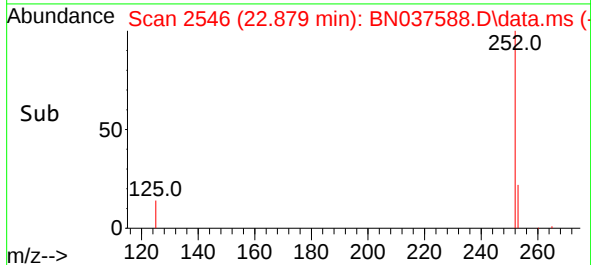
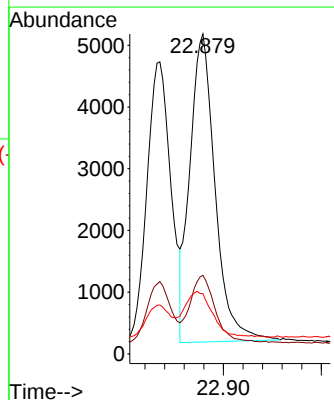
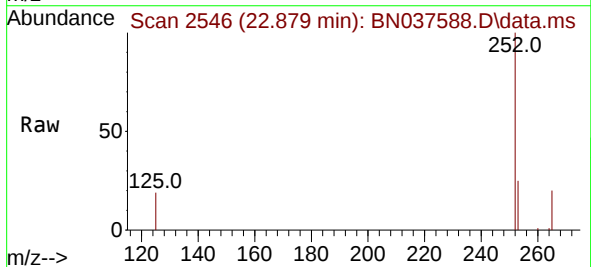


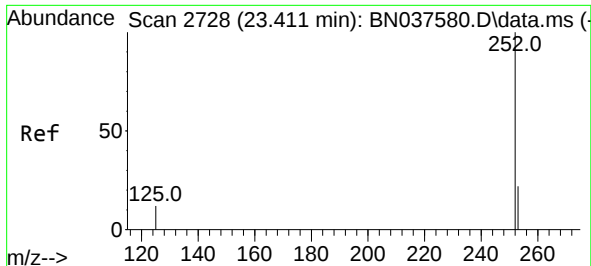
Tgt Ion:252 Resp: 7838  
Ion Ratio Lower Upper  
252 100  
253 24.8 20.0 30.0  
125 16.8 13.8 20.6



#38  
Benzo(k)fluoranthene  
Concen: 0.361 ng  
RT: 22.879 min Scan# 2546  
Delta R.T. -0.003 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

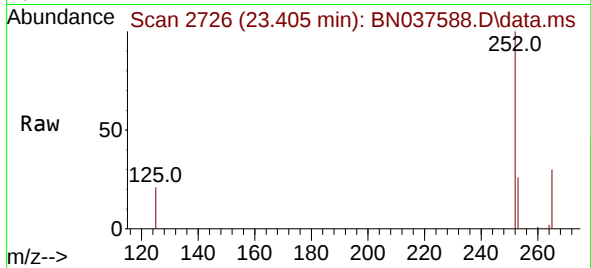
Tgt Ion:252 Resp: 8909  
Ion Ratio Lower Upper  
252 100  
253 24.6 19.9 29.9  
125 18.9 15.0 22.6



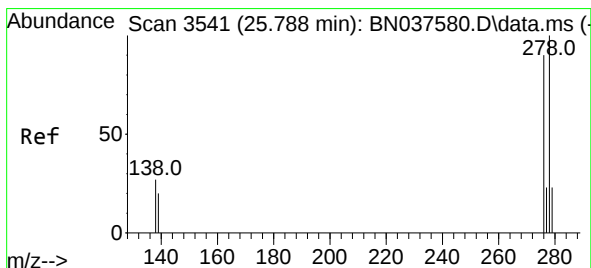
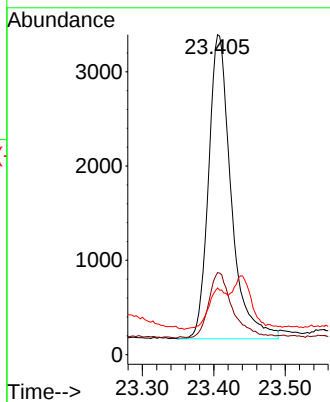
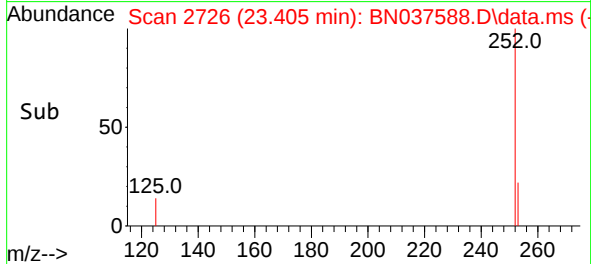


#39  
Benzo(a)pyrene  
Concen: 0.390 ng  
RT: 23.405 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

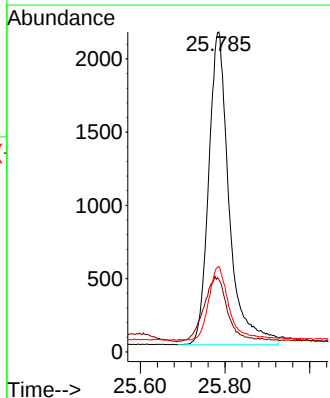
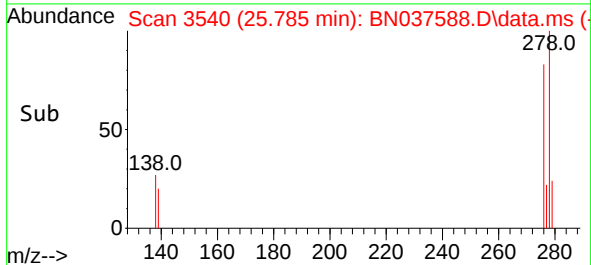
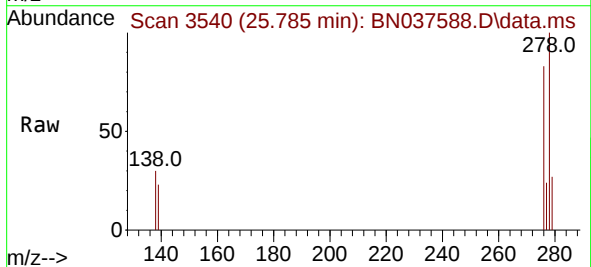


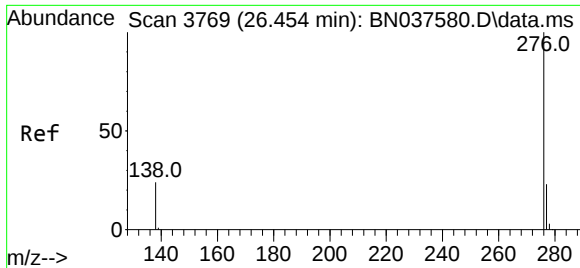
Tgt Ion:252 Resp: 7079  
Ion Ratio Lower Upper  
252 100  
253 25.6 21.6 32.4  
125 20.9 16.8 25.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.380 ng  
RT: 25.785 min Scan# 3540  
Delta R.T. -0.003 min  
Lab File: BN037588.D  
Acq: 13 Aug 2025 10:28

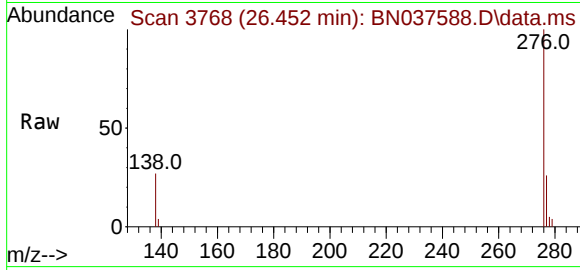
Tgt Ion:278 Resp: 7165  
Ion Ratio Lower Upper  
278 100  
139 22.6 18.3 27.5  
279 26.7 22.5 33.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.371 ng  
 RT: 26.452 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: BN037588.D  
 Acq: 13 Aug 2025 10:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 7382  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.1  | 21.0  | 31.4  |
| 138      | 27.4  | 21.7  | 32.5  |

