

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092124\  
 Data File : BN034153.D  
 Acq On : 22 Sep 2024 09:01  
 Operator : JU/RC  
 Sample : P4116-07MSD  
 Misc :  
 ALS Vial : 118 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE122D1-20240916MSD

Quant Time: Sep 23 00:05:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 Response via : Initial Calibration

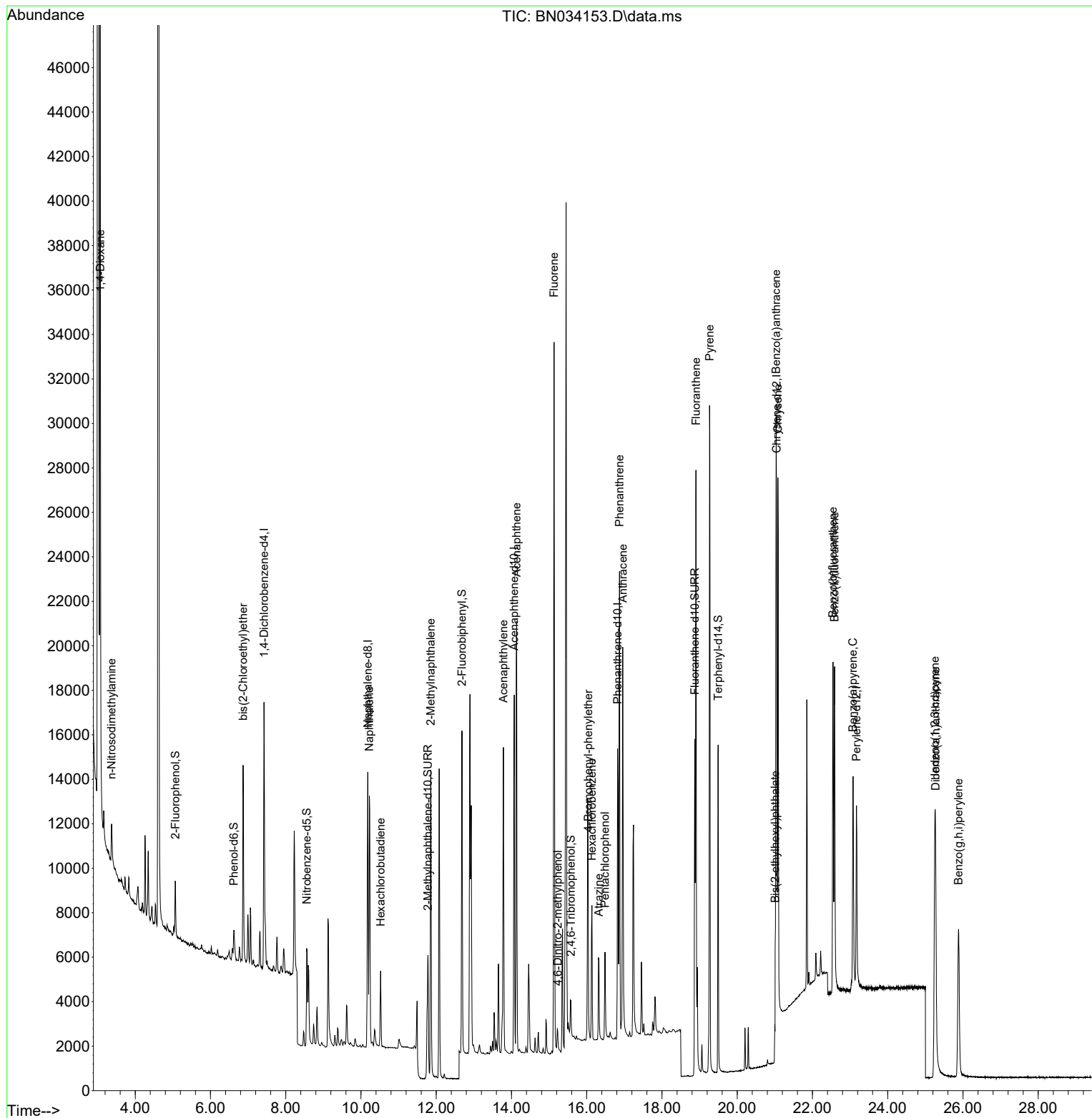
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.423  | 152  | 5508     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.180 | 136  | 15593    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.072 | 164  | 8919     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.821 | 188  | 18848    | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.044 | 240  | 13474    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.168 | 264  | 10514    | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.069  | 112  | 1896     | 0.121 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.622  | 99   | 1309     | 0.072 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.557  | 82   | 3963     | 0.332 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 11.780 | 152  | 11962    | 0.519 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.579 | 330  | 1086     | 0.269 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.683 | 172  | 12422    | 0.342 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 18.871 | 212  | 16492    | 0.347 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.494 | 244  | 13720    | 0.510 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.068  | 88   | 21471    | 3.118 | ng    | # 83     |
| 3) n-Nitrosodimethylamine     | 3.372  | 42   | 1315     | 0.168 | ng    | 92       |
| 6) bis(2-Chloroethyl)ether    | 6.867  | 93   | 5933     | 0.369 | ng    | 97       |
| 9) Naphthalene                | 10.223 | 128  | 15443    | 0.361 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.522 | 225  | 2563     | 0.318 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.855 | 142  | 10138    | 0.364 | ng    | 99       |
| 16) Acenaphthylene            | 13.784 | 152  | 14545    | 0.381 | ng    | 100      |
| 17) Acenaphthene              | 14.137 | 154  | 10110    | 0.369 | ng    | 100      |
| 18) Fluorene                  | 15.131 | 166  | 13316    | 0.371 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.227 | 198  | 922      | 0.401 | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.039 | 248  | 4190     | 0.395 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.138 | 284  | 4386     | 0.369 | ng    | 94       |
| 23) Atrazine                  | 16.324 | 200  | 3510     | 0.400 | ng    | 99       |
| 24) Pentachlorophenol         | 16.486 | 266  | 1973     | 0.502 | ng    | 99       |
| 25) Phenanthrene              | 16.870 | 178  | 22072    | 0.408 | ng    | 100      |
| 26) Anthracene                | 16.957 | 178  | 18423    | 0.417 | ng    | 99       |
| 28) Fluoranthene              | 18.904 | 202  | 24268    | 0.387 | ng    | 99       |
| 30) Pyrene                    | 19.266 | 202  | 26313    | 0.463 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.035 | 228  | 17531    | 0.411 | ng    | 99       |
| 33) Chrysene                  | 21.080 | 228  | 20670    | 0.406 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 1799     | 0.101 | ng    | # 94     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.253 | 276  | 15963    | 0.354 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.546 | 252  | 17450    | 0.424 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.586 | 252  | 18114    | 0.419 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.078 | 252  | 14308    | 0.426 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.270 | 278  | 12356    | 0.353 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 25.881 | 276  | 13008    | 0.331 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

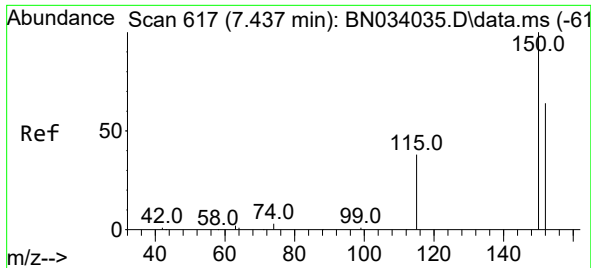
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092124\  
Data File : BN034153.D  
Acq On : 22 Sep 2024 09:01  
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Sample : P4116-07MSD  
Misc :  
ALS Vial : 118 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
RE122D1-20240916MSD

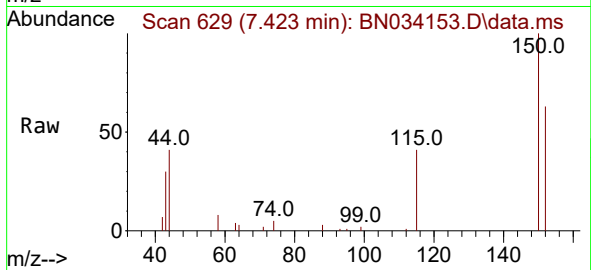
Quant Time: Sep 23 00:05:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 18 16:09:28 2024  
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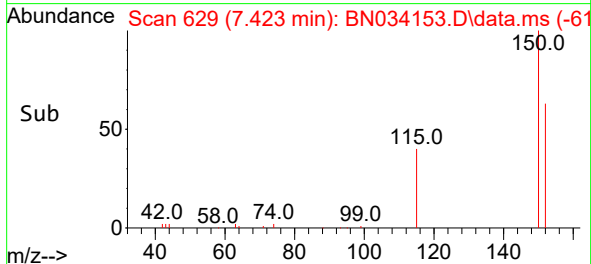
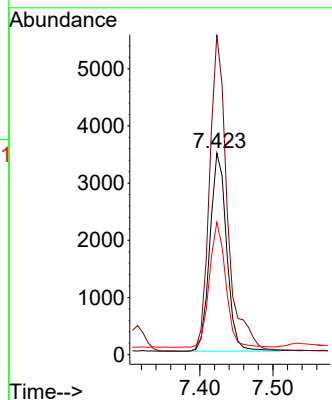


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.423 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

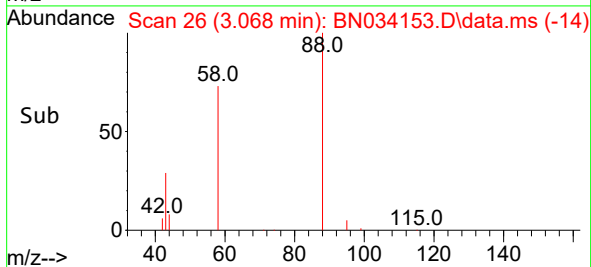
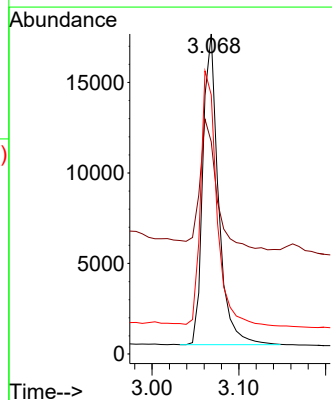
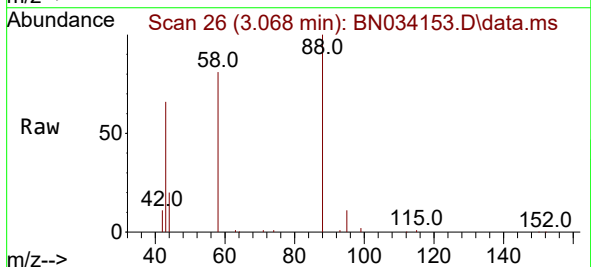


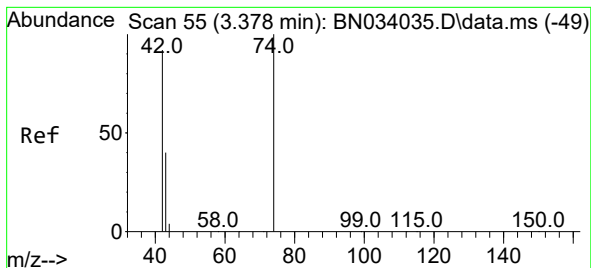
Tgt Ion:152 Resp: 5508  
Ion Ratio Lower Upper  
152 100  
150 158.7 124.6 187.0  
115 65.7 50.0 75.0



#2  
1,4-Dioxane  
Concen: 3.118 ng  
RT: 3.068 min Scan# 26  
Delta R.T. -0.013 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion: 88 Resp: 21471  
Ion Ratio Lower Upper  
88 100  
43 45.2 25.8 38.8#  
58 85.1 58.8 88.2





#3

n-Nitrosodimethylamine

Concen: 0.168 ng

RT: 3.372 min Scan# 61

Delta R.T. -0.006 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD

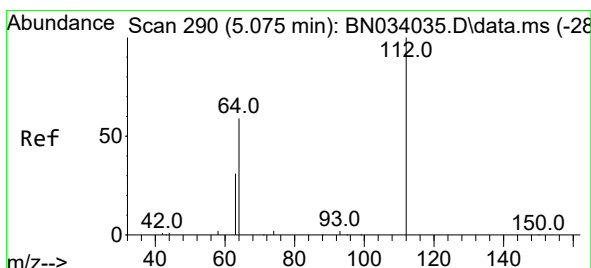
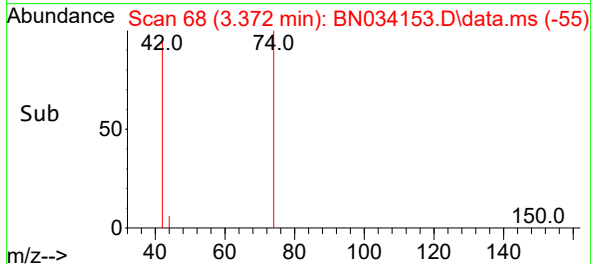
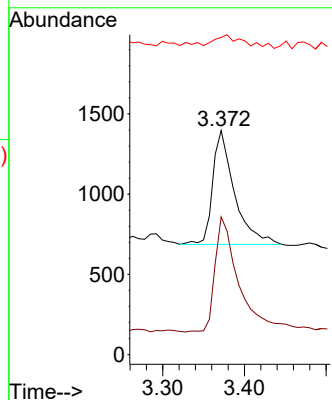
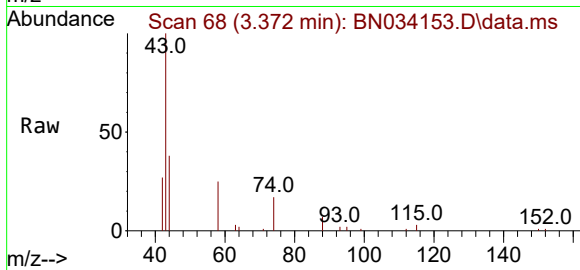
Tgt Ion: 42 Resp: 1315

Ion Ratio Lower Upper

42 100

74 109.0 94.6 142.0

44 16.3 12.4 18.6



#4

2-Fluorophenol

Concen: 0.121 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

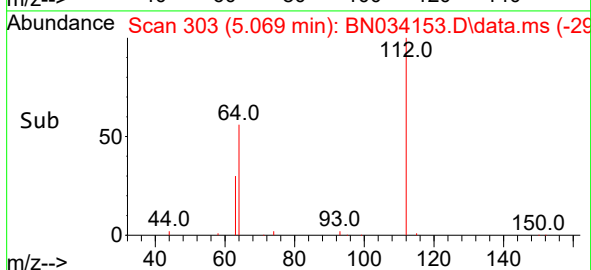
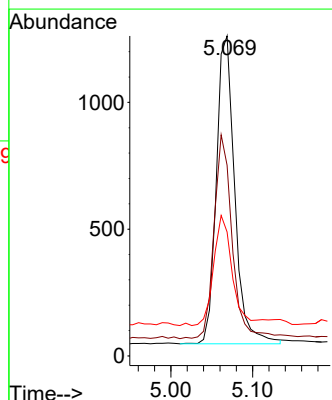
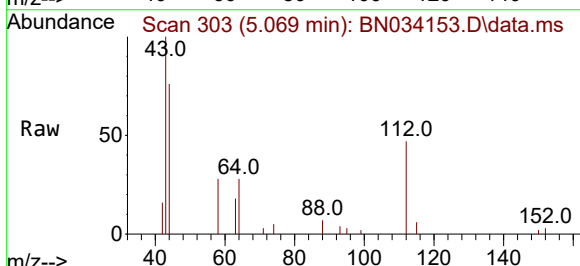
Tgt Ion: 112 Resp: 1896

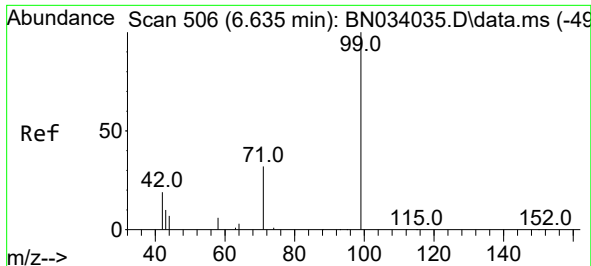
Ion Ratio Lower Upper

112 100

64 65.0 48.6 72.8

63 35.9 25.6 38.4

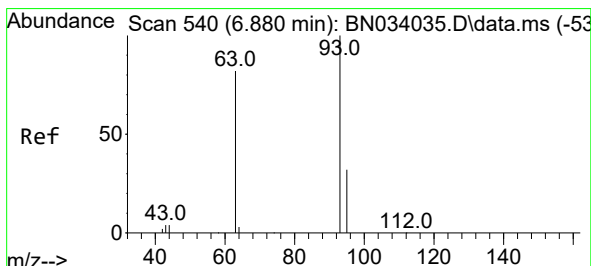
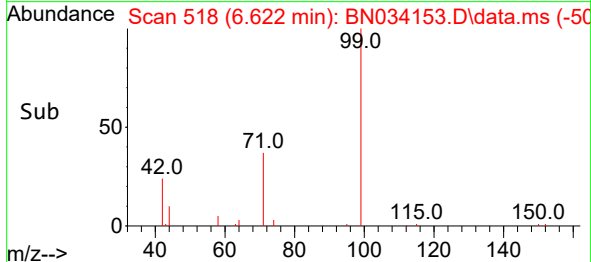
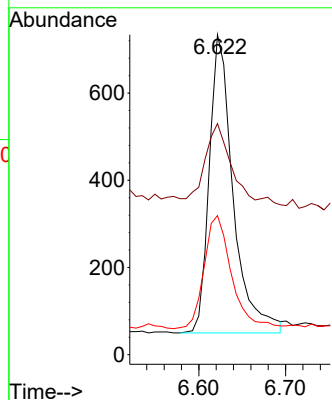
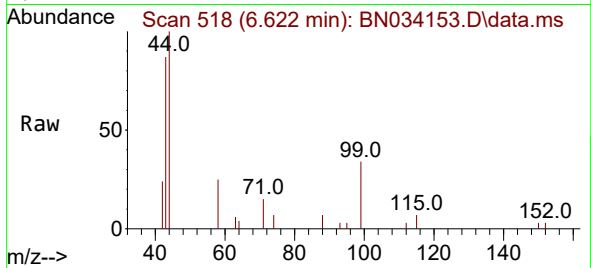




#5  
Phenol-d6  
Concen: 0.072 ng  
RT: 6.622 min Scan# 518  
Delta R.T. -0.013 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

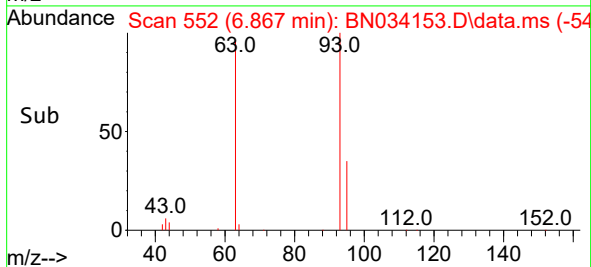
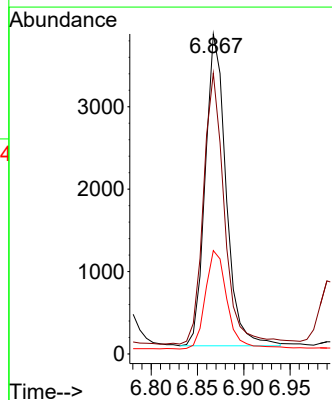
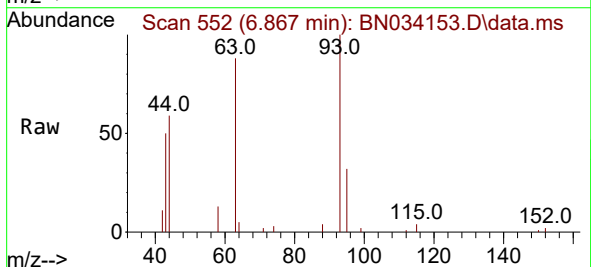
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

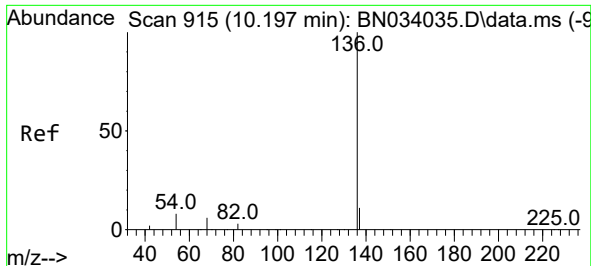
Tgt Ion: 99 Resp: 1309  
Ion Ratio Lower Upper  
99 100  
42 30.5 17.8 26.8#  
71 43.3 26.2 39.2#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.369 ng  
RT: 6.867 min Scan# 552  
Delta R.T. -0.013 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion: 93 Resp: 5933  
Ion Ratio Lower Upper  
93 100  
63 87.2 67.3 100.9  
95 33.0 26.8 40.2

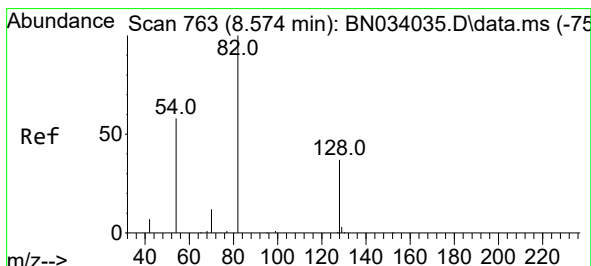
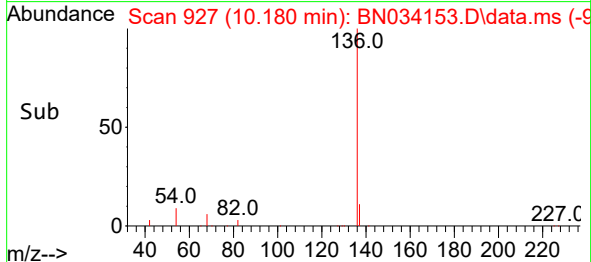
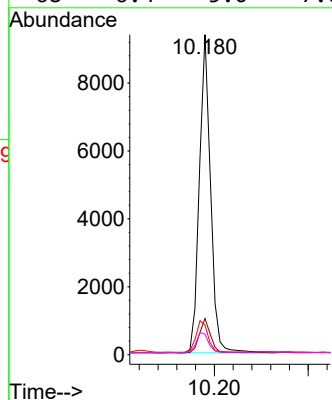
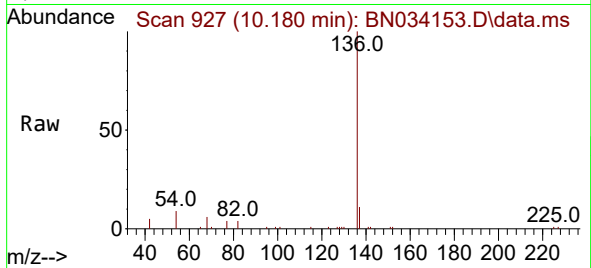




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.180 min Scan# 915  
Delta R.T. -0.017 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

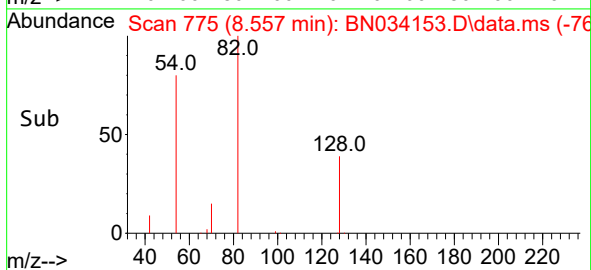
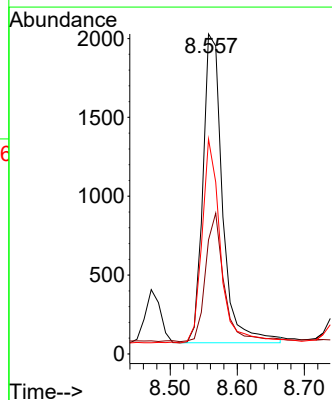
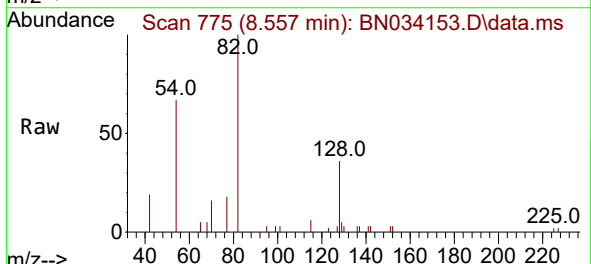
Instrument :  
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ClientSampleId :  
RE122D1-20240916MSD

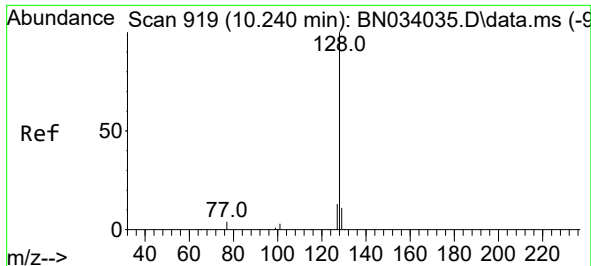
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 15593    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 9.0 13.6 |
| 54          | 9.3   | 6.8 10.2 |
| 68          | 6.4   | 5.0 7.6  |



#8  
Nitrobenzene-d5  
Concen: 0.332 ng  
RT: 8.557 min Scan# 775  
Delta R.T. -0.017 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3963      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 35.6  | 31.4 47.2 |
| 54          | 67.1  | 47.4 71.0 |

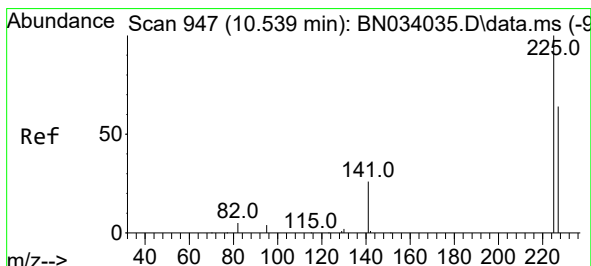
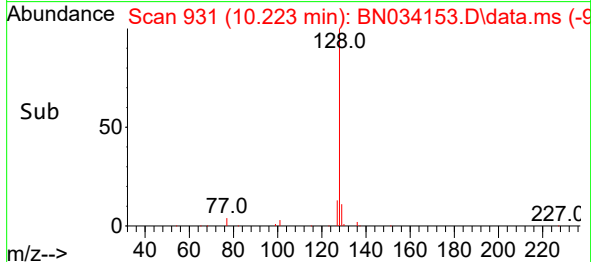
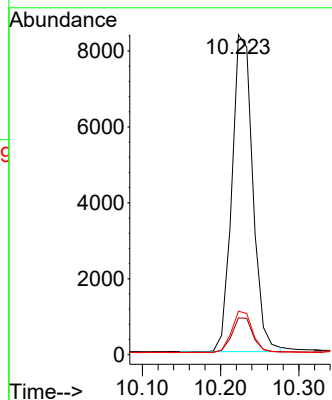
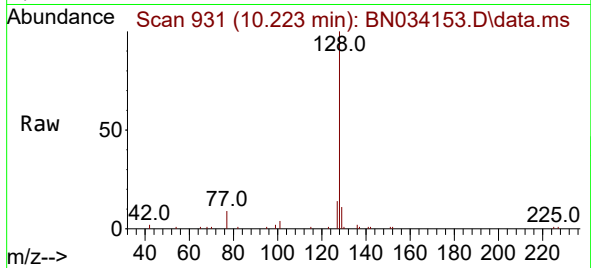




#9  
Naphthalene  
Concen: 0.361 ng  
RT: 10.223 min Scan# 919  
Delta R.T. -0.017 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

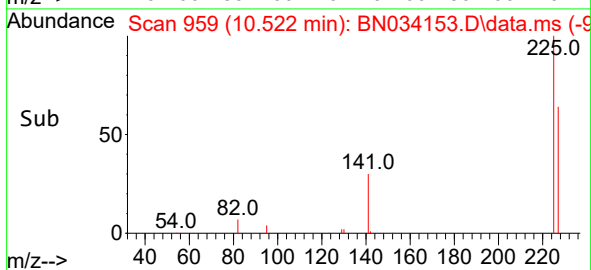
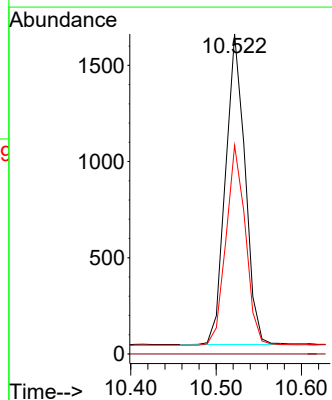
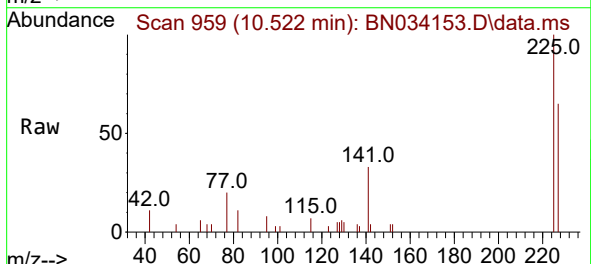
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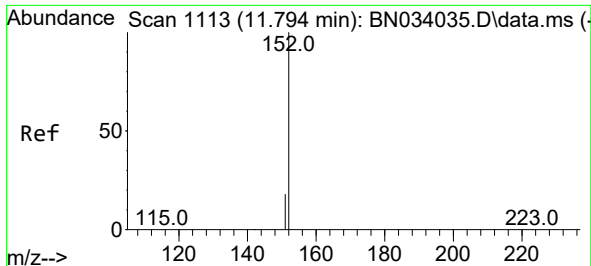
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.2   | 13.8  |
| 127     | 13.6  | 10.7  | 16.1  |



#10  
Hexachlorobutadiene  
Concen: 0.318 ng  
RT: 10.522 min Scan# 959  
Delta R.T. -0.017 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 0.0   | 0.0   | 0.0   |
| 227     | 64.0  | 50.5  | 75.7  |

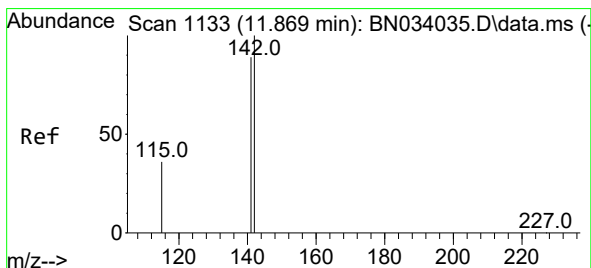
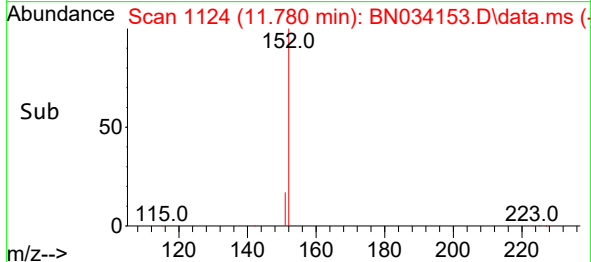
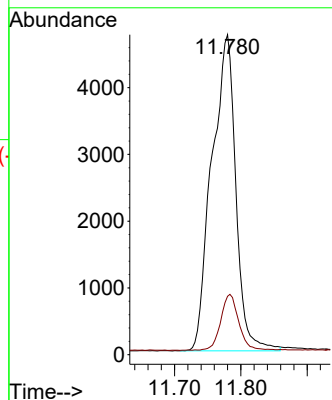
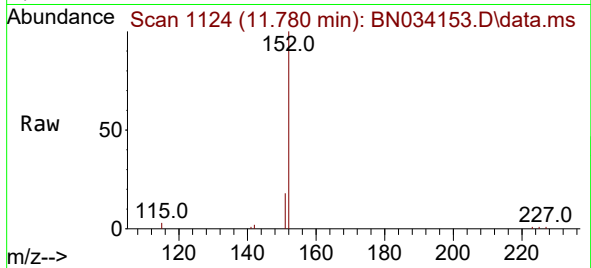




#11  
2-Methylnaphthalene-d10  
Concen: 0.519 ng  
RT: 11.780 min Scan# 1113  
Delta R.T. -0.014 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

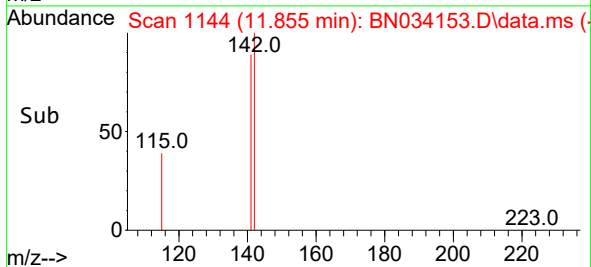
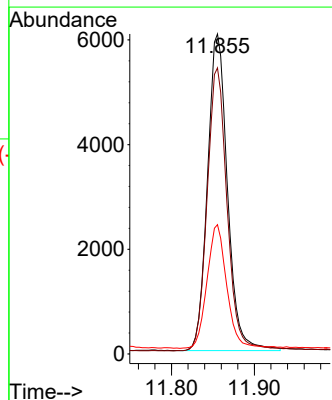
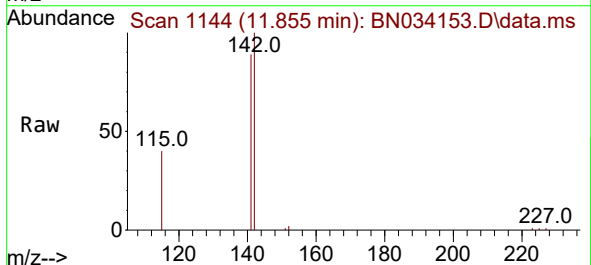
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

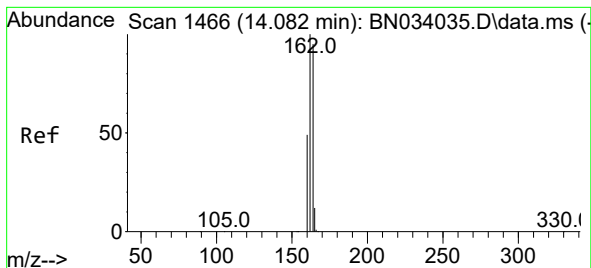
Tgt Ion:152 Resp: 11962  
Ion Ratio Lower Upper  
152 100  
151 13.1 16.8 25.2#



#12  
2-Methylnaphthalene  
Concen: 0.364 ng  
RT: 11.855 min Scan# 1144  
Delta R.T. -0.014 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:142 Resp: 10138  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.6 107.4  
115 40.4 30.0 45.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 14

Delta R.T. -0.009 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD

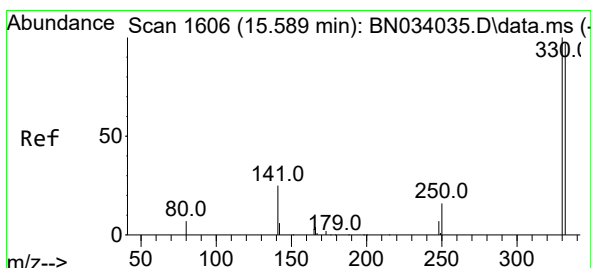
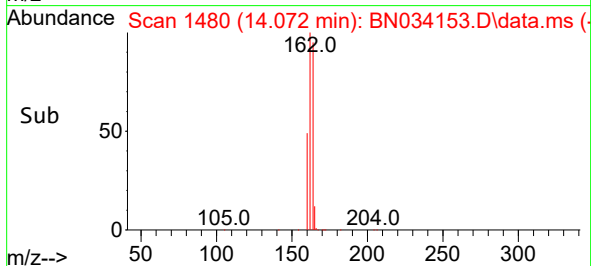
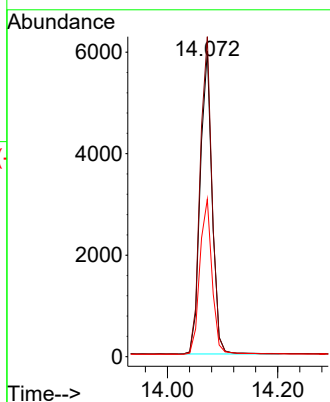
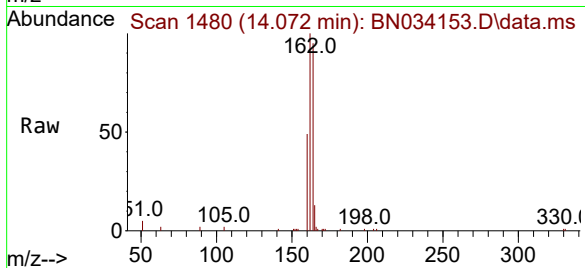
Tgt Ion:164 Resp: 8919

Ion Ratio Lower Upper

164 100

162 104.8 84.2 126.2

160 51.5 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 15.579 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

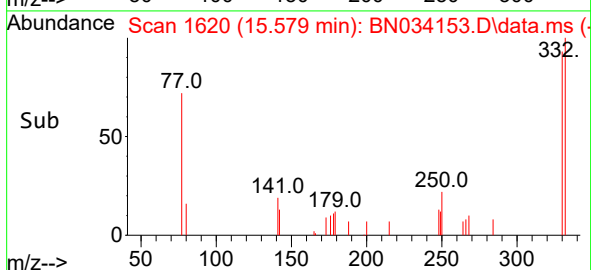
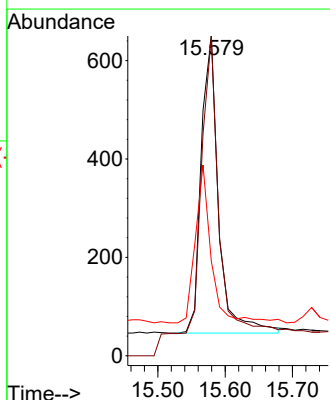
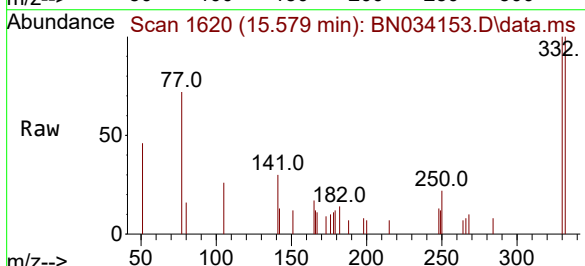
Tgt Ion:330 Resp: 1086

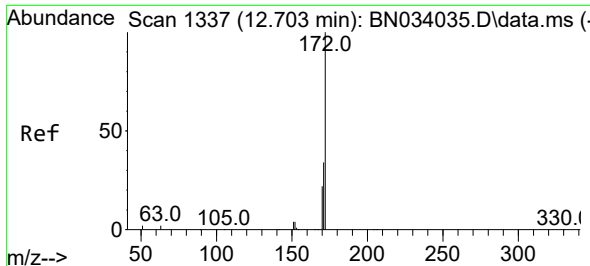
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 47.9 35.9 53.9

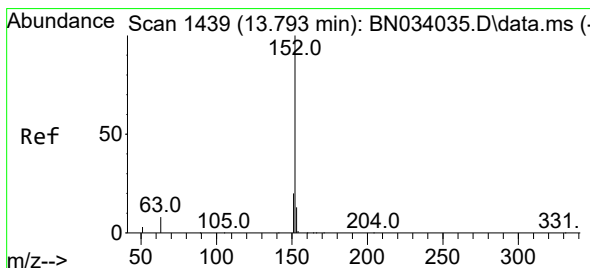
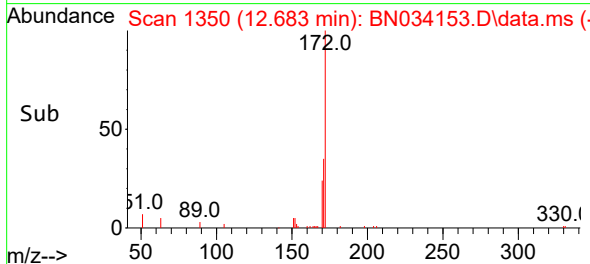
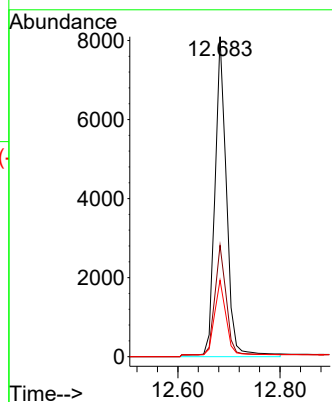
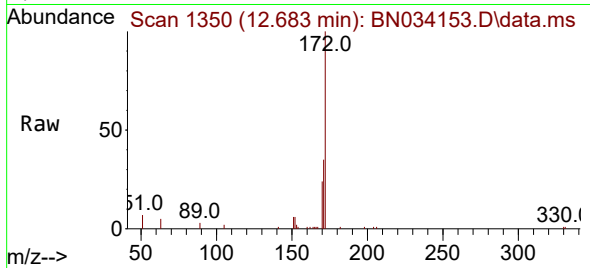




#15  
2-Fluorobiphenyl  
Concen: 0.342 ng  
RT: 12.683 min Scan# 1453  
Delta R.T. -0.020 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

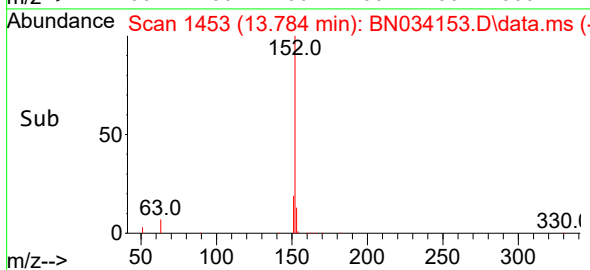
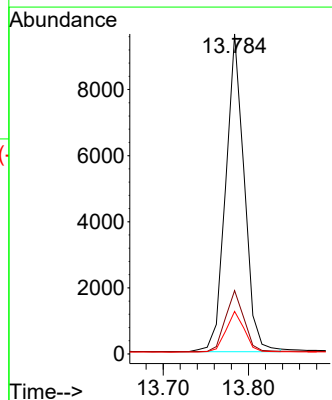
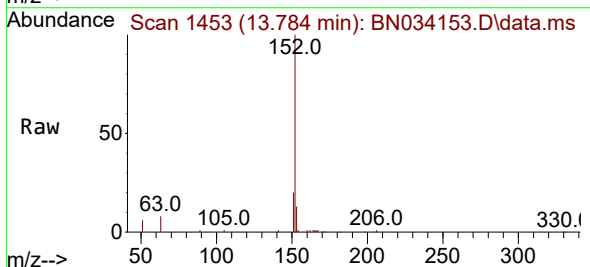
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

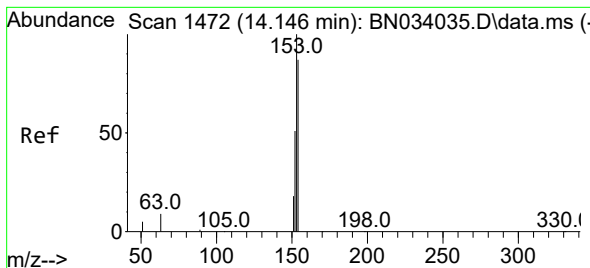
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 12422 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.8  | 27.3  | 40.9  |
| 170       | 23.9  | 18.1  | 27.1  |



#16  
Acenaphthylene  
Concen: 0.381 ng  
RT: 13.784 min Scan# 1453  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 14545 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.2  | 15.6  | 23.4  |
| 153       | 12.9  | 10.3  | 15.5  |





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.137 min Scan# 1472

Delta R.T. -0.009 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD

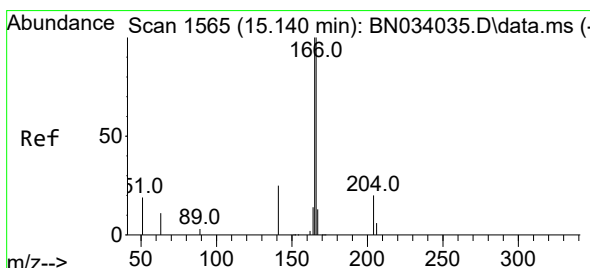
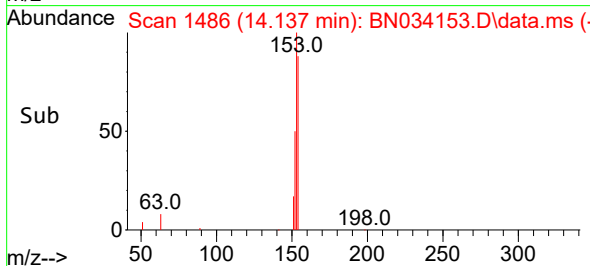
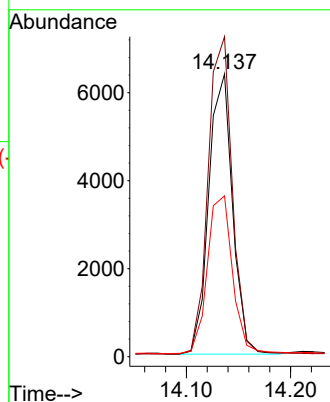
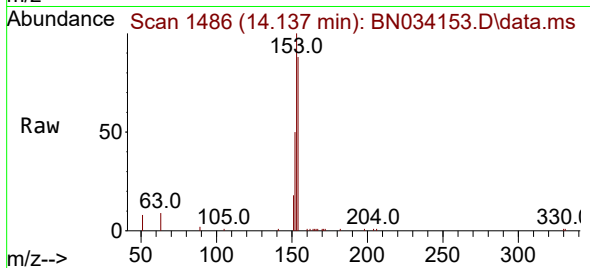
Tgt Ion:154 Resp: 10110

Ion Ratio Lower Upper

154 100

153 114.9 91.6 137.4

152 59.5 47.4 71.2



#18

Fluorene

Concen: 0.371 ng

RT: 15.131 min Scan# 1579

Delta R.T. -0.009 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

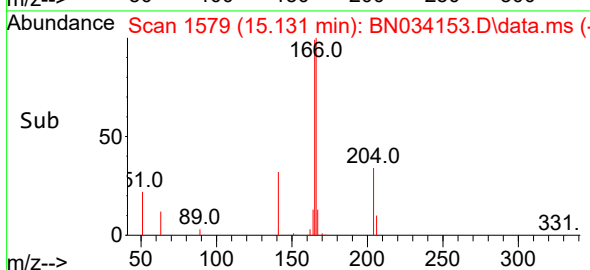
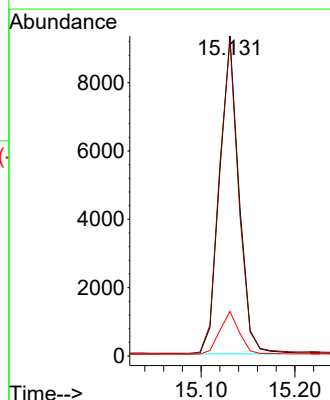
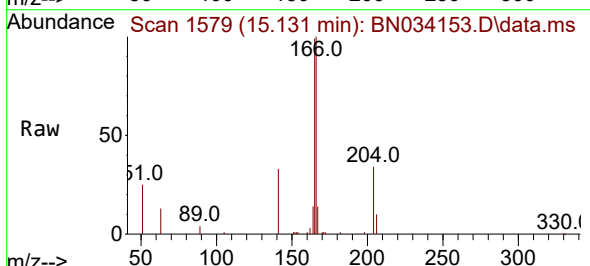
Tgt Ion:166 Resp: 13316

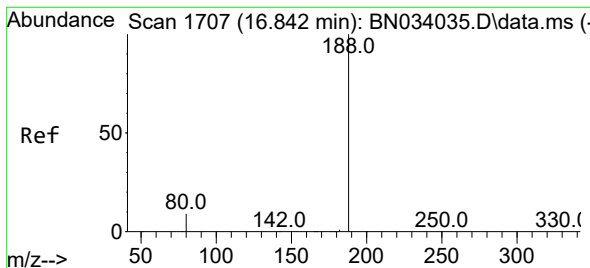
Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

167 13.5 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.821 min Scan# 11

Delta R.T. -0.022 min

Lab File: BN034153.D

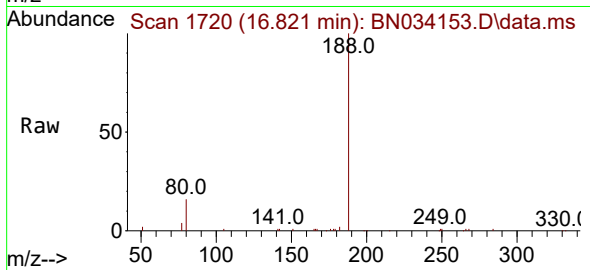
Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD



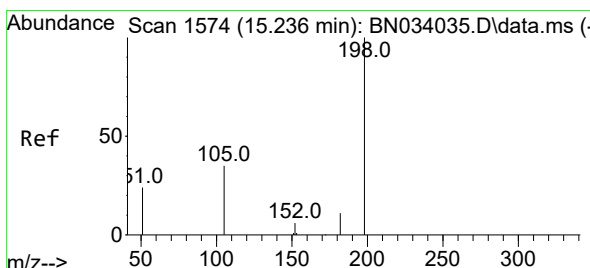
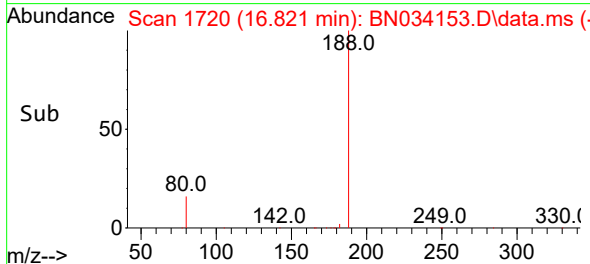
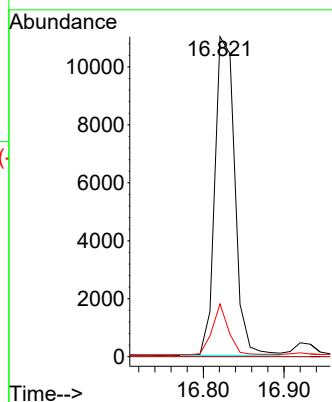
Tgt Ion:188 Resp: 18848

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.401 ng

RT: 15.227 min Scan# 1588

Delta R.T. -0.009 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

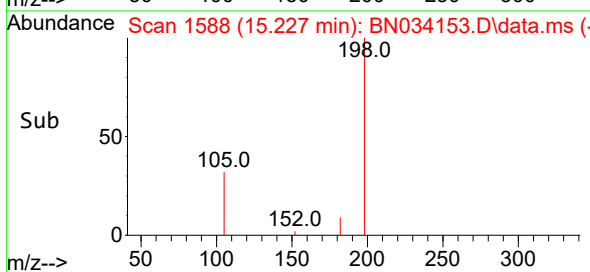
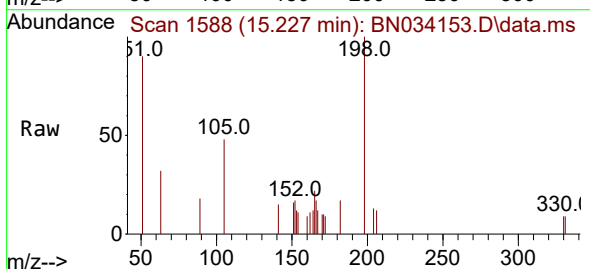
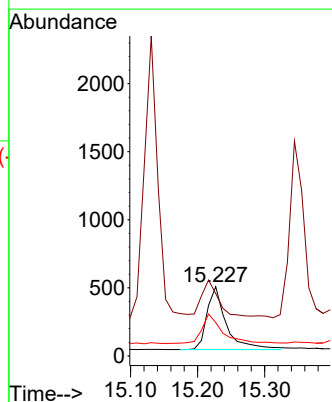
Tgt Ion:198 Resp: 922

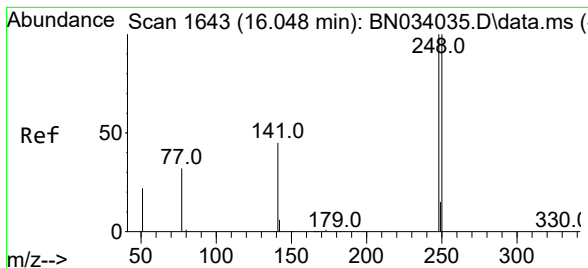
Ion Ratio Lower Upper

198 100

51 90.0 106.4 159.6#

105 48.1 38.5 57.7

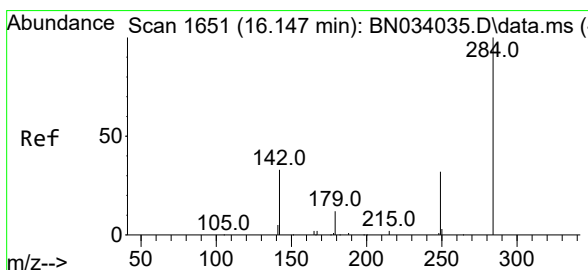
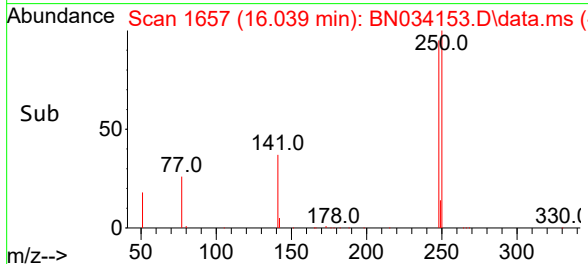
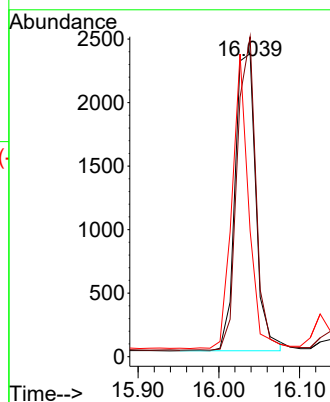
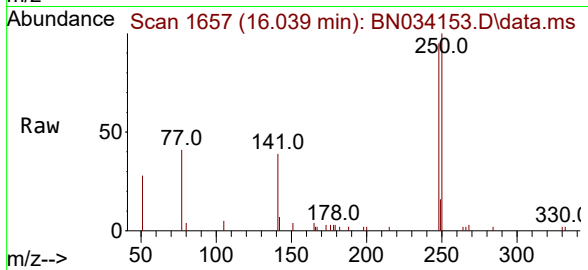




#21  
4-Bromophenyl-phenylether  
Concen: 0.395 ng  
RT: 16.039 min Scan# 1657  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

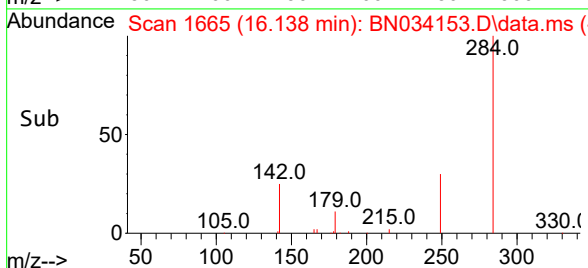
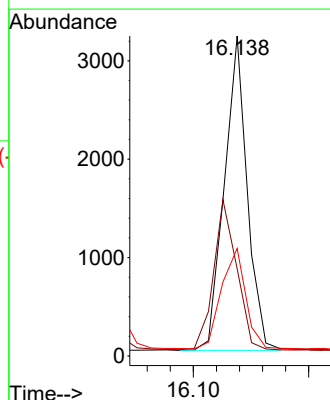
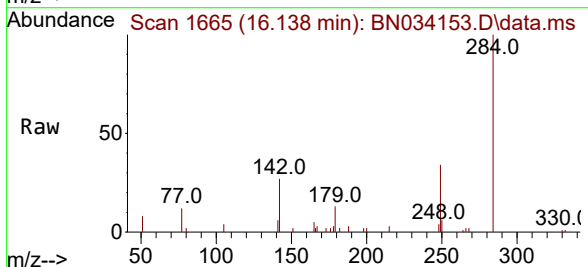
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

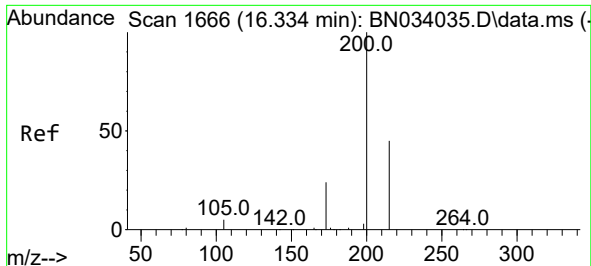
Tgt Ion:248 Resp: 4190  
Ion Ratio Lower Upper  
248 100  
250 105.6 80.5 120.7  
141 41.5 37.1 55.7



#22  
Hexachlorobenzene  
Concen: 0.369 ng  
RT: 16.138 min Scan# 1665  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:284 Resp: 4386  
Ion Ratio Lower Upper  
284 100  
142 48.2 34.5 51.7  
249 33.7 25.8 38.6

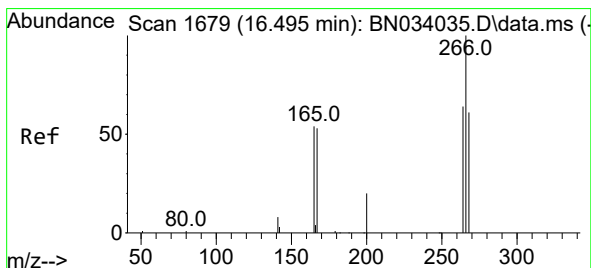
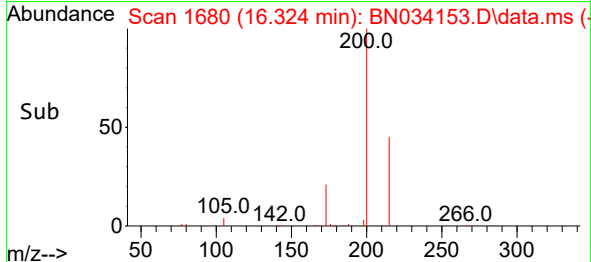
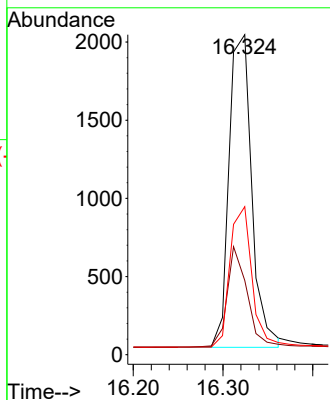
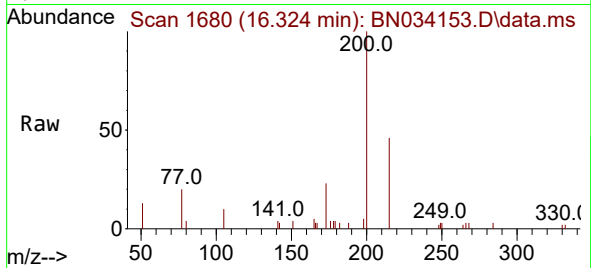




#23  
Atrazine  
Concen: 0.400 ng  
RT: 16.324 min Scan# 1680  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

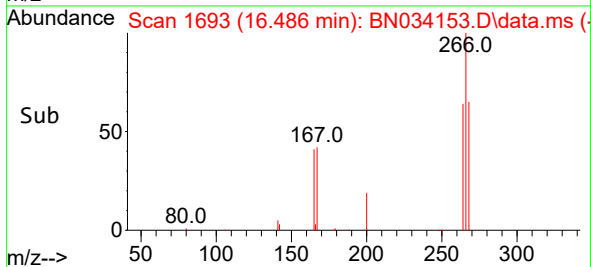
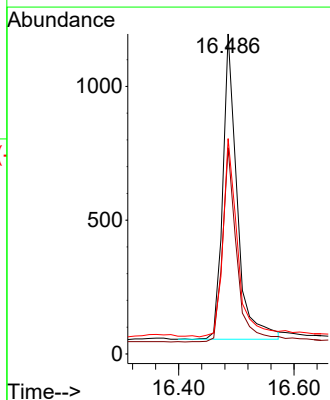
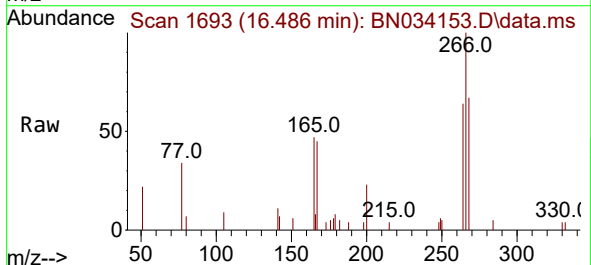
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BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

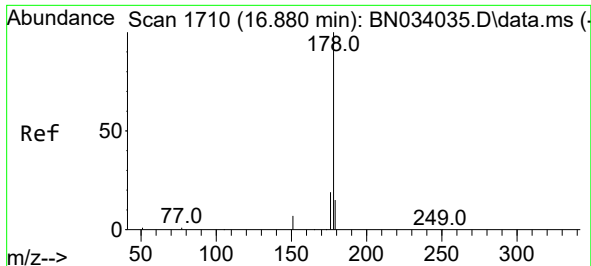
Tgt Ion:200 Resp: 3510  
Ion Ratio Lower Upper  
200 100  
173 23.2 20.1 30.1  
215 46.3 37.0 55.6



#24  
Pentachlorophenol  
Concen: 0.502 ng  
RT: 16.486 min Scan# 1693  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:266 Resp: 1973  
Ion Ratio Lower Upper  
266 100  
264 62.3 50.2 75.2  
268 65.3 51.0 76.4

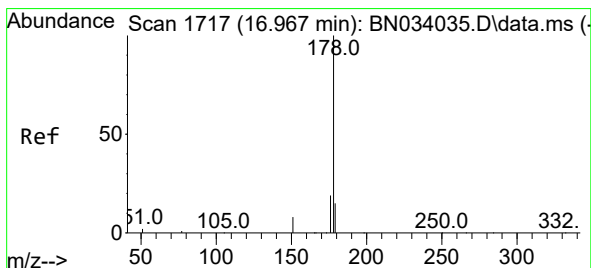
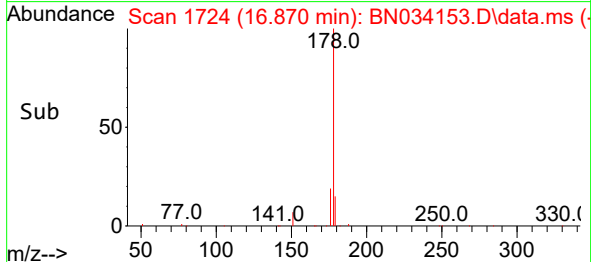
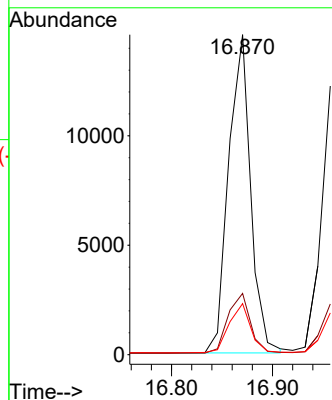
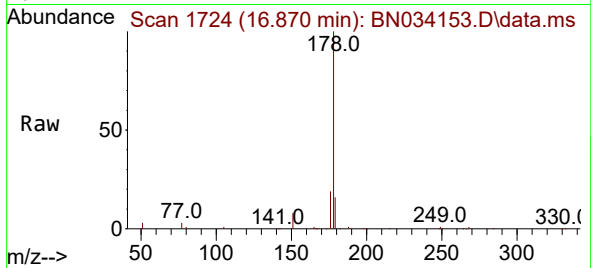




#25  
Phenanthrene  
Concen: 0.408 ng  
RT: 16.870 min Scan# 1710  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

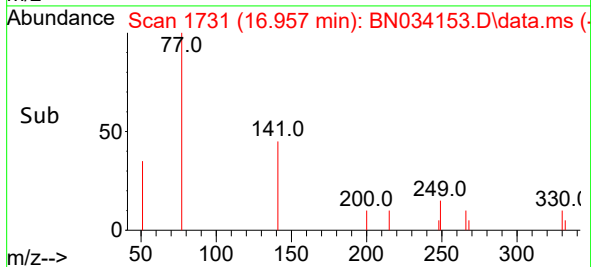
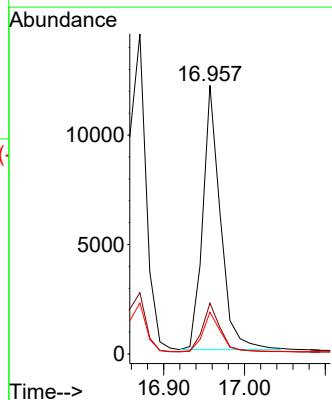
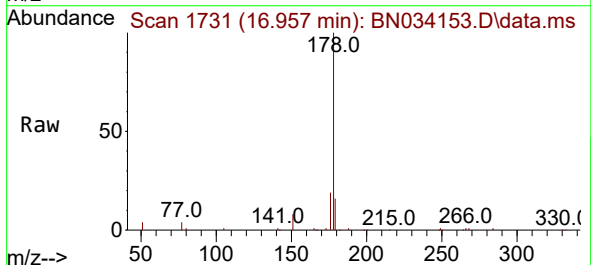
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

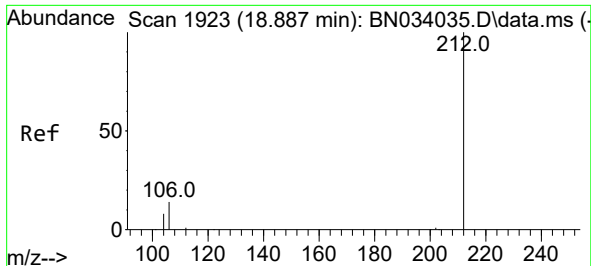
Tgt Ion:178 Resp: 22072  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.3 12.1 18.1



#26  
Anthracene  
Concen: 0.417 ng  
RT: 16.957 min Scan# 1731  
Delta R.T. -0.009 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:178 Resp: 18423  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.6  
179 15.0 12.2 18.4

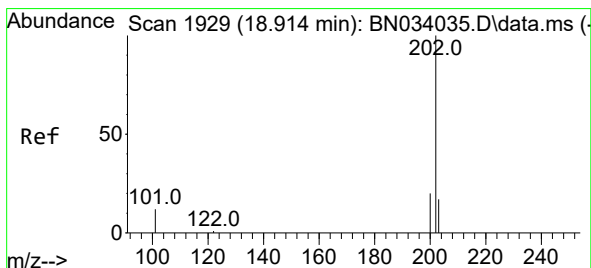
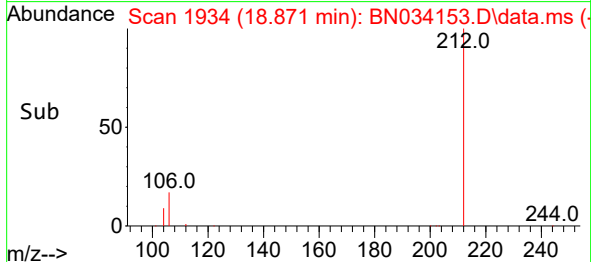
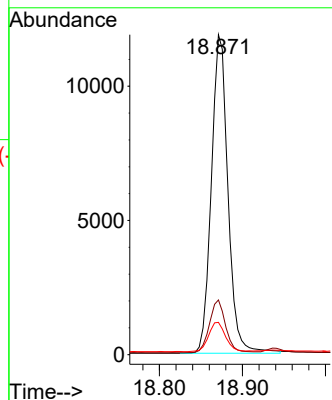
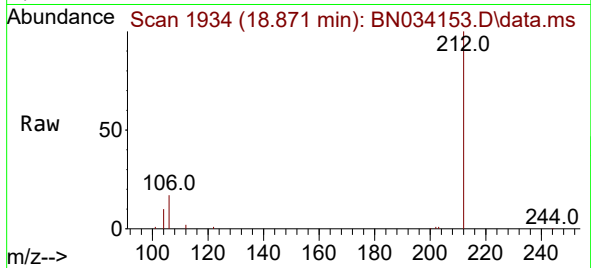




#27  
Fluoranthene-d10  
Concen: 0.347 ng  
RT: 18.871 min Scan# 1941  
Delta R.T. -0.015 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

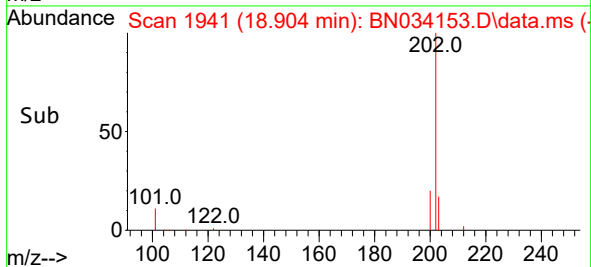
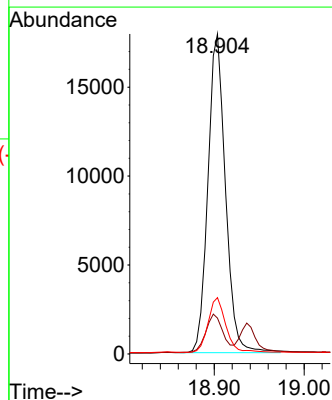
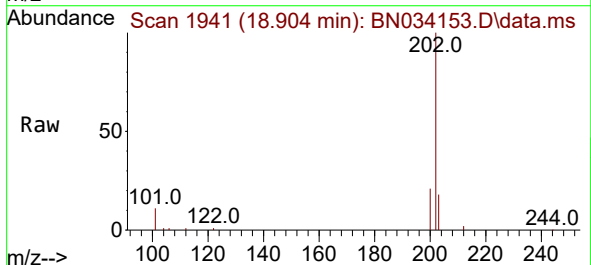
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ClientSampleId :  
RE122D1-20240916MSD

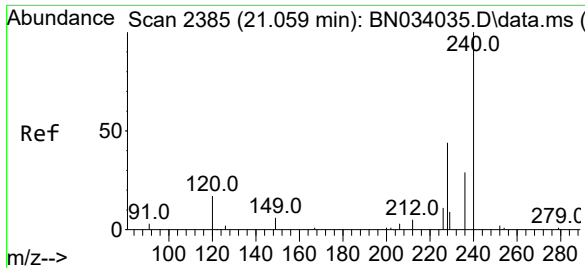
Tgt Ion:212 Resp: 16492  
Ion Ratio Lower Upper  
212 100  
106 16.3 13.4 20.2  
104 9.5 7.8 11.6



#28  
Fluoranthene  
Concen: 0.387 ng  
RT: 18.904 min Scan# 1941  
Delta R.T. -0.011 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:202 Resp: 24268  
Ion Ratio Lower Upper  
202 100  
101 12.5 10.1 15.1  
203 17.3 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD

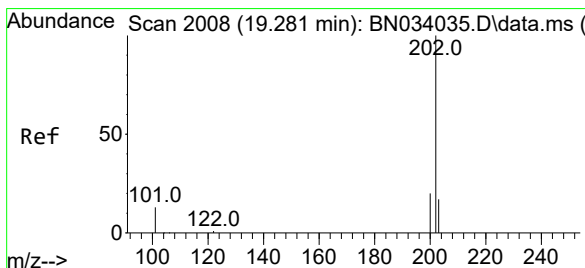
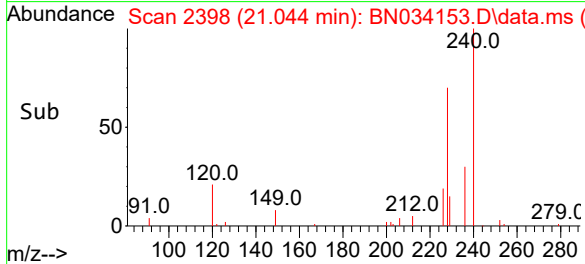
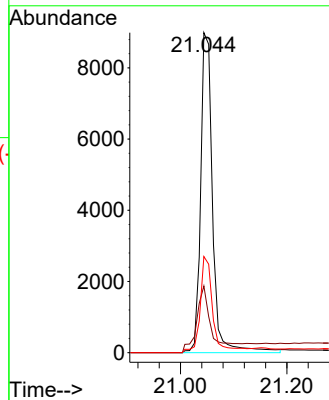
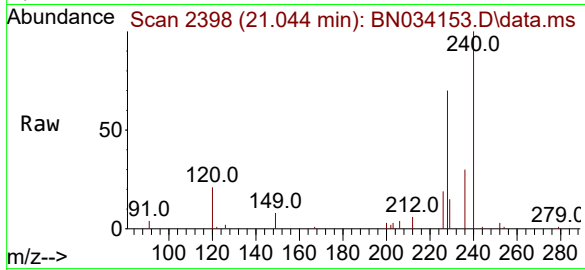
Tgt Ion:240 Resp: 13474

Ion Ratio Lower Upper

240 100

120 20.8 13.5 20.3#

236 30.1 23.4 35.0



#30

Pyrene

Concen: 0.463 ng

RT: 19.266 min Scan# 2019

Delta R.T. -0.015 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

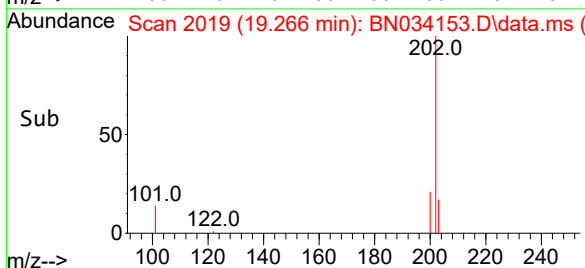
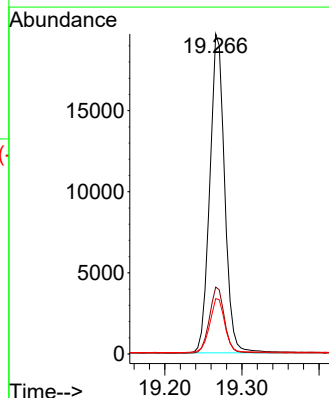
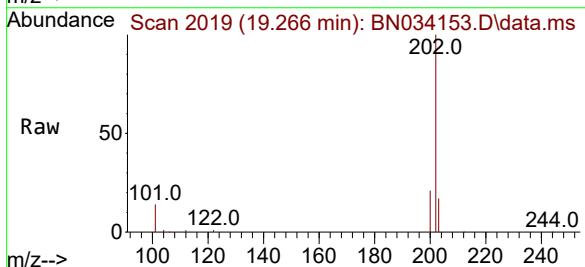
Tgt Ion:202 Resp: 26313

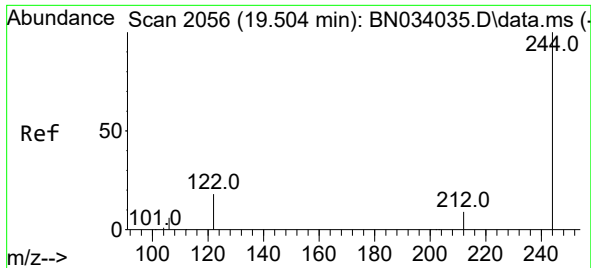
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.5 14.3 21.5

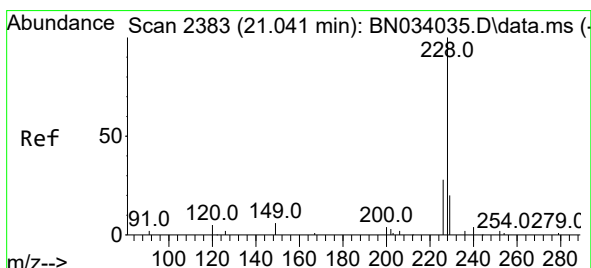
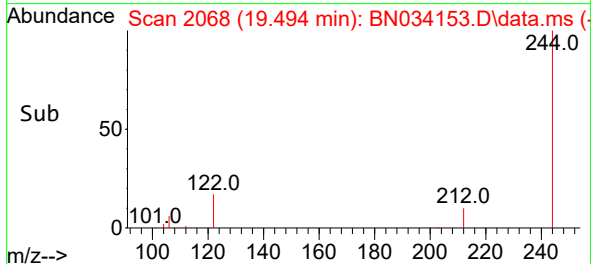
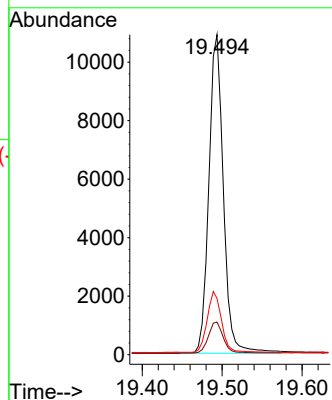
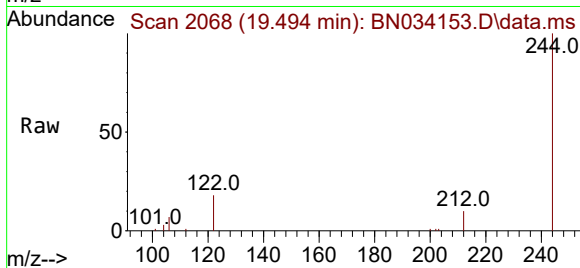




#31  
Terphenyl-d14  
Concen: 0.510 ng  
RT: 19.494 min Scan# 2056  
Delta R.T. -0.011 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

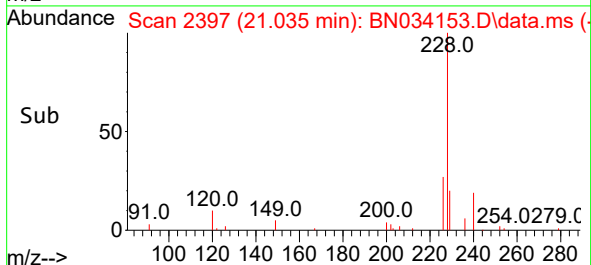
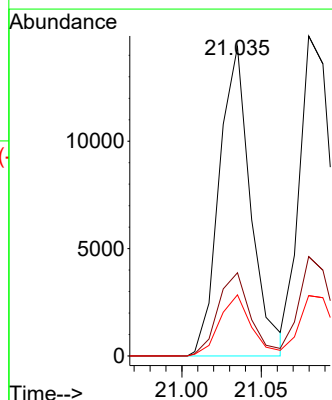
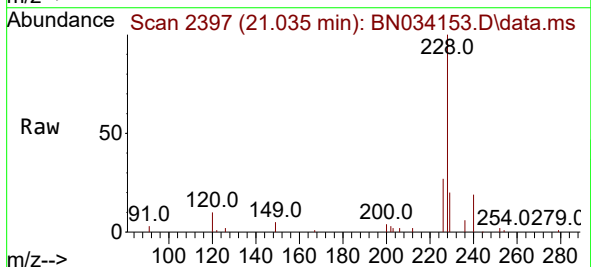
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD

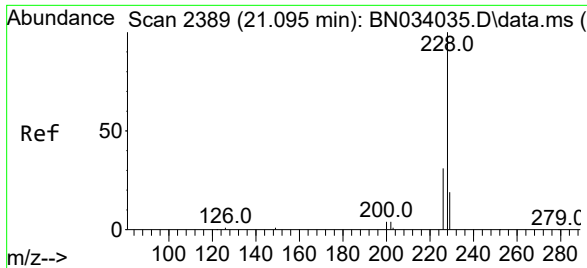
Tgt Ion:244 Resp: 13720  
Ion Ratio Lower Upper  
244 100  
212 10.2 7.8 11.6  
122 17.6 14.8 22.2



#32  
Benzo(a)anthracene  
Concen: 0.411 ng  
RT: 21.035 min Scan# 2397  
Delta R.T. -0.006 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Tgt Ion:228 Resp: 17531  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.3 33.5  
229 19.7 15.7 23.5





#33

Chrysene

Concen: 0.406 ng

RT: 21.080 min Scan# 2402

Delta R.T. -0.015 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD

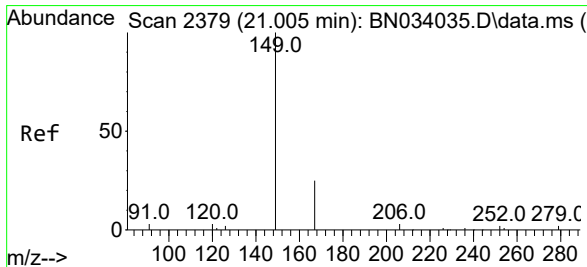
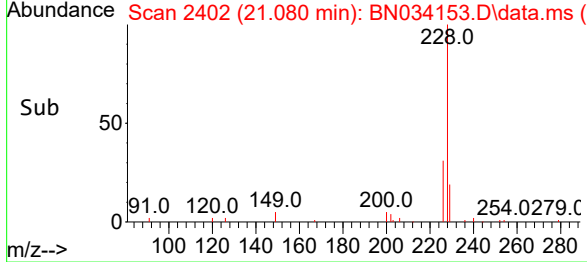
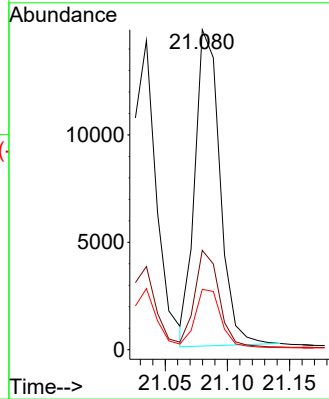
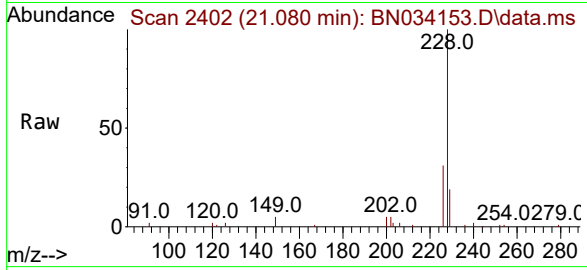
Tgt Ion:228 Resp: 20670

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

229 18.9 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

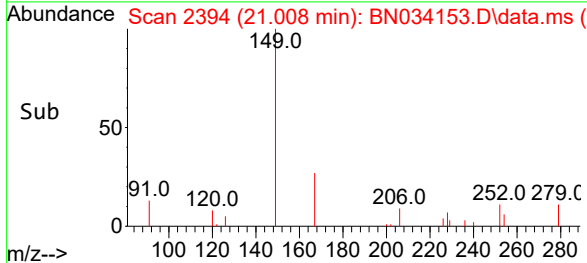
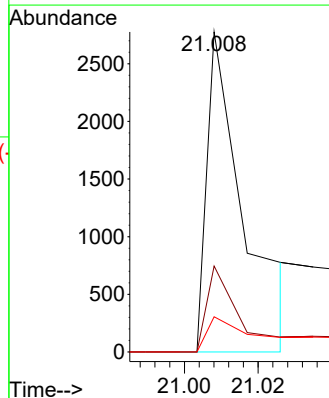
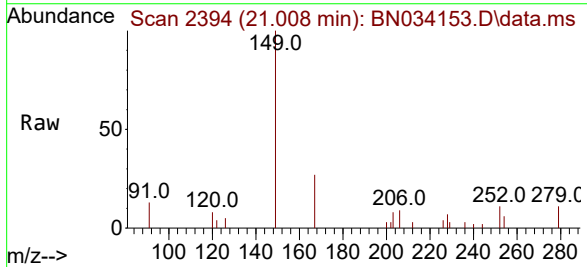
Tgt Ion:149 Resp: 1799

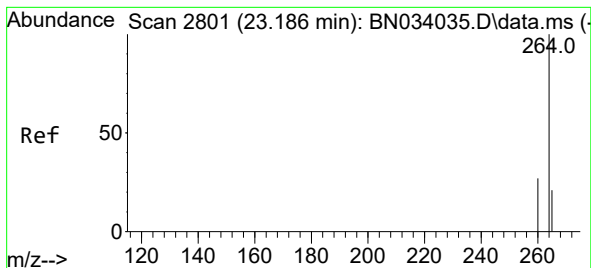
Ion Ratio Lower Upper

149 100

167 23.6 19.9 29.9

279 13.3 4.6 6.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.168 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN034153.D

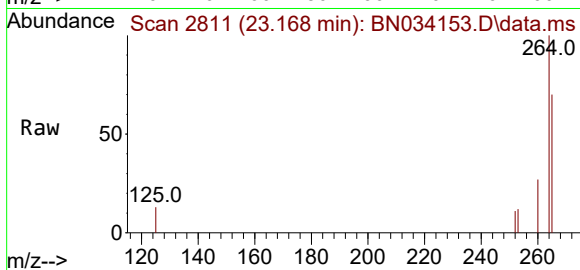
Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD



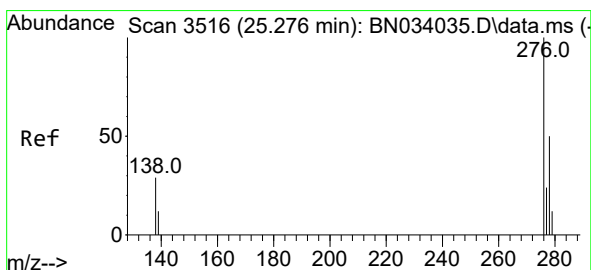
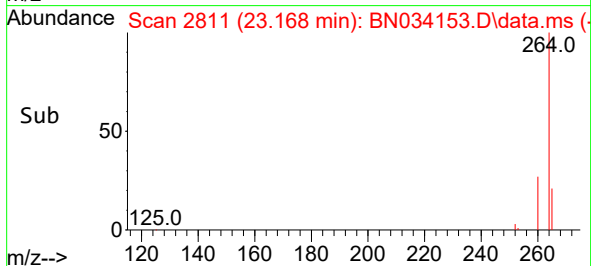
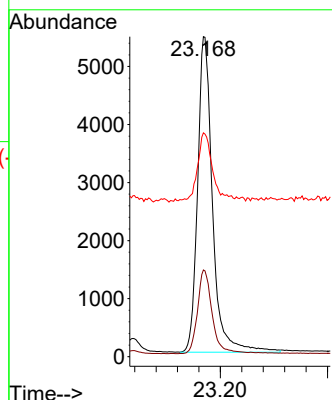
Tgt Ion:264 Resp: 10514

Ion Ratio Lower Upper

264 100

260 27.1 21.7 32.5

265 69.9 52.1 78.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.354 ng

RT: 25.253 min Scan# 3524

Delta R.T. -0.023 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

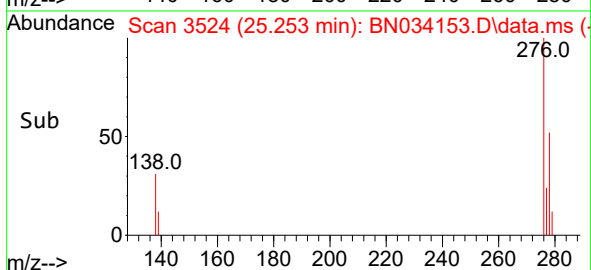
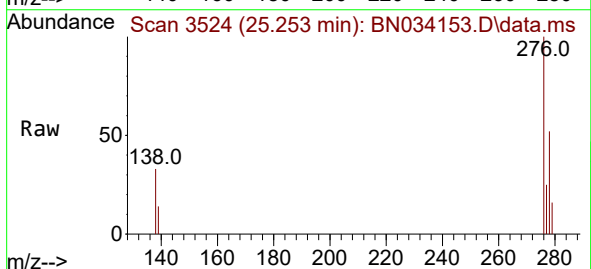
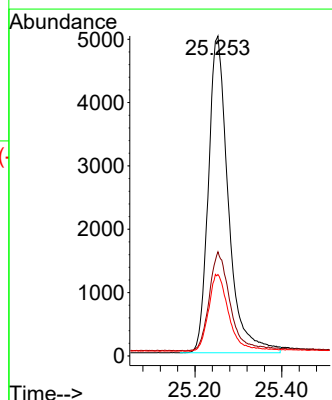
Tgt Ion:276 Resp: 15963

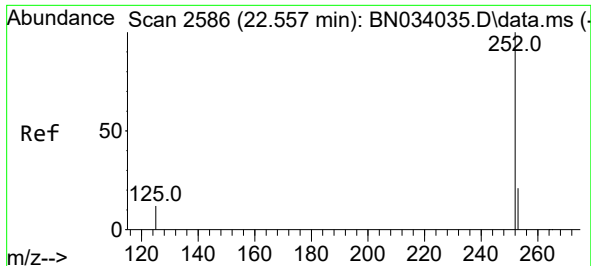
Ion Ratio Lower Upper

276 100

138 32.1 25.9 38.9

277 24.7 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 22.546 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN034153.D

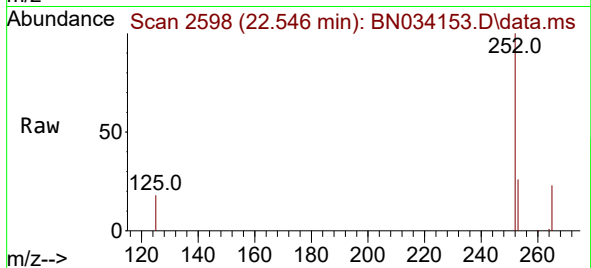
Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD



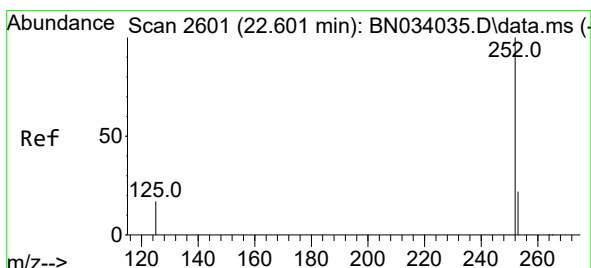
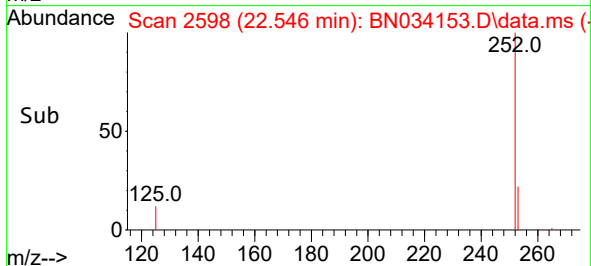
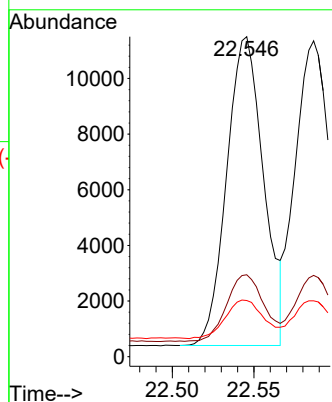
Tgt Ion:252 Resp: 17450

Ion Ratio Lower Upper

252 100

253 25.6 19.6 29.4

125 17.6 13.8 20.8



#38

Benzo(k)fluoranthene

Concen: 0.419 ng

RT: 22.586 min Scan# 2612

Delta R.T. -0.015 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

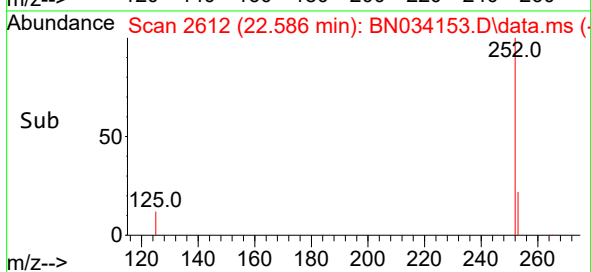
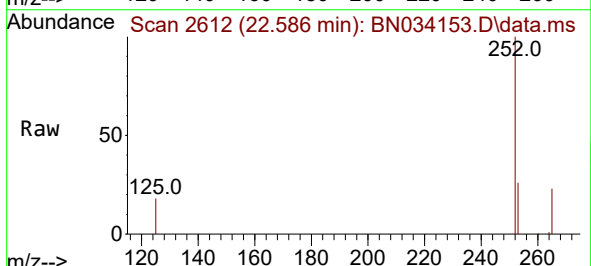
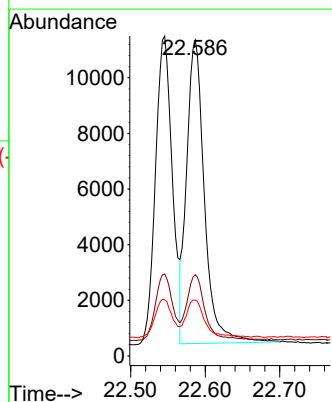
Tgt Ion:252 Resp: 18114

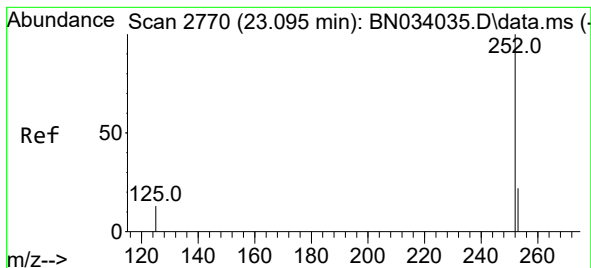
Ion Ratio Lower Upper

252 100

253 25.7 20.1 30.1

125 17.7 16.8 25.2





#39

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.078 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN034153.D

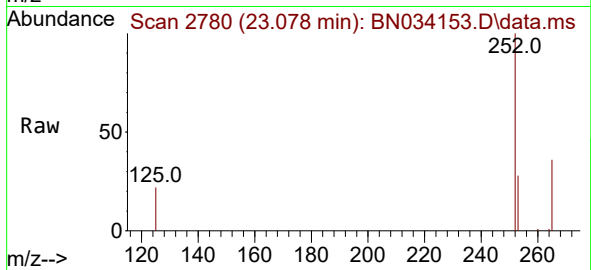
Acq: 22 Sep 2024 09:01

Instrument :

BNA\_N

ClientSampleId :

RE122D1-20240916MSD



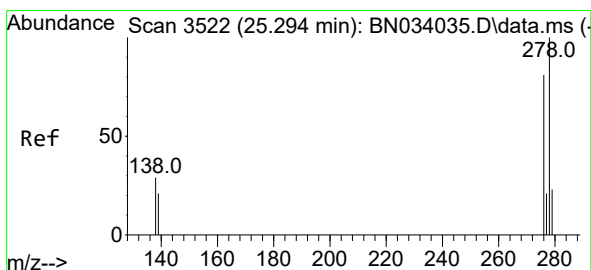
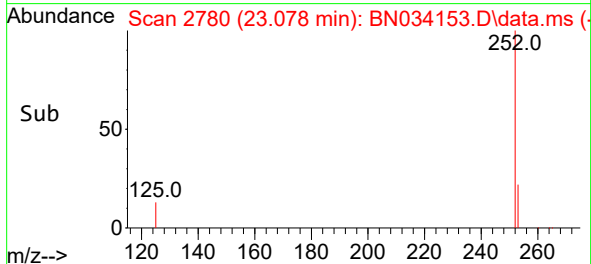
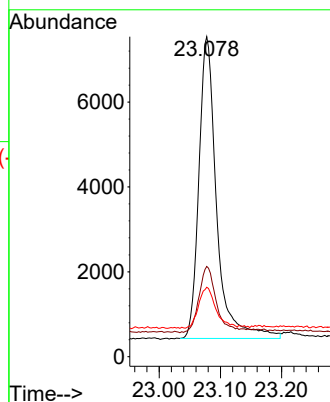
Tgt Ion:252 Resp: 14308

Ion Ratio Lower Upper

252 100

253 28.2 21.8 32.8

125 21.7 17.5 26.3



#40

Dibenzo(a,h)anthracene

Concen: 0.353 ng

RT: 25.270 min Scan# 3530

Delta R.T. -0.023 min

Lab File: BN034153.D

Acq: 22 Sep 2024 09:01

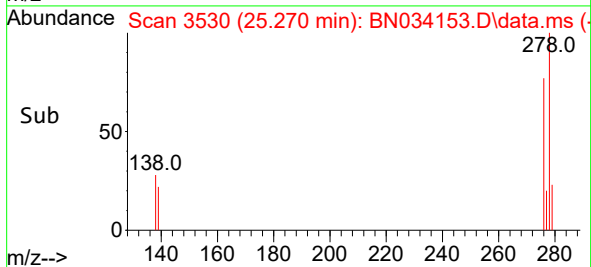
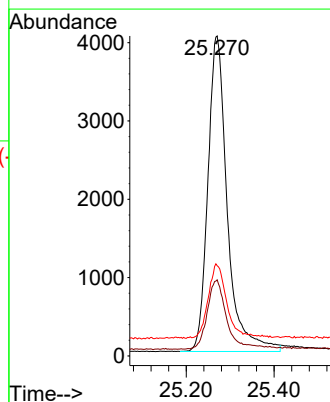
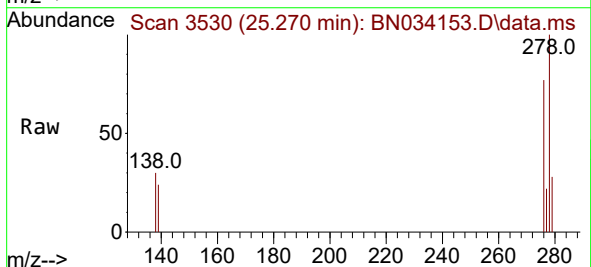
Tgt Ion:278 Resp: 12356

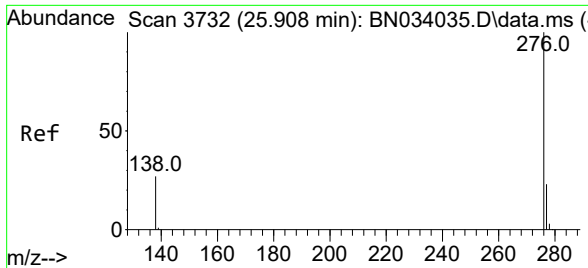
Ion Ratio Lower Upper

278 100

139 23.8 17.8 26.8

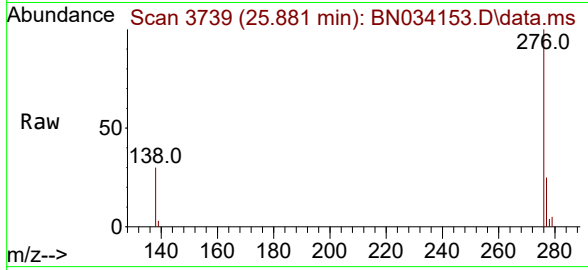
279 28.2 21.0 31.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.331 ng  
RT: 25.881 min Scan# 31  
Delta R.T. -0.026 min  
Lab File: BN034153.D  
Acq: 22 Sep 2024 09:01

Instrument :  
BNA\_N  
ClientSampleId :  
RE122D1-20240916MSD



Tgt Ion:276 Resp: 13008  
Ion Ratio Lower Upper  
276 100  
277 24.9 19.3 28.9  
138 30.0 22.6 34.0

