

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062723\  
 Data File : BN026037.D  
 Acq On : 27 Jun 2023 15:08  
 Operator : MA/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062723

Quant Time: Jun 28 05:25:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 05:23:31 2023  
 Response via : Initial Calibration

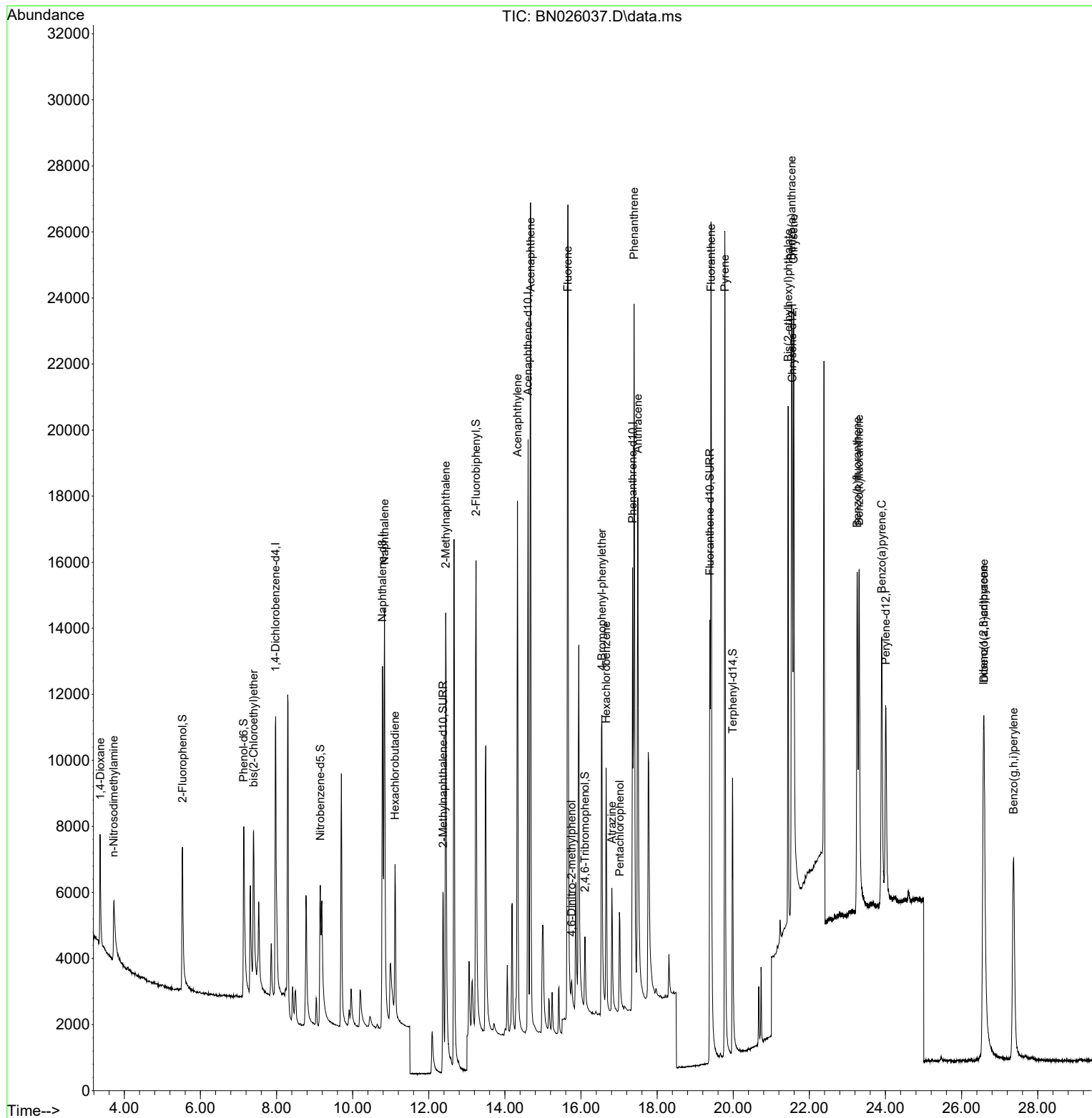
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.976  | 152  | 5649     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.782 | 136  | 17950    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.609 | 164  | 11024    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.356 | 188  | 22052    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.551 | 240  | 11741    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.008 | 264  | 10403    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.528  | 112  | 5460     | 0.398 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.138  | 99   | 6981     | 0.400 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.148  | 82   | 5843     | 0.381 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.374 | 152  | 10686    | 0.407 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.102 | 330  | 1464     | 0.365 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.240 | 172  | 17020    | 0.400 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.388 | 212  | 19229    | 0.412 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.983 | 244  | 12133    | 0.404 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.368  | 88   | 2682     | 0.449 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.722  | 42   | 2213     | 0.366 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.398  | 93   | 5578     | 0.388 | ng    | 100      |
| 9) Naphthalene                | 10.835 | 128  | 19922    | 0.410 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.113 | 225  | 3863     | 0.412 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.446 | 142  | 13893    | 0.406 | ng    | 99       |
| 16) Acenaphthylene            | 14.331 | 152  | 20557    | 0.398 | ng    | 99       |
| 17) Acenaphthene              | 14.673 | 154  | 13902    | 0.416 | ng    | 98       |
| 18) Fluorene                  | 15.656 | 166  | 18083    | 0.416 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.755 | 198  | 988      | 0.367 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.549 | 248  | 5060     | 0.402 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.661 | 284  | 5279     | 0.418 | ng    | 98       |
| 23) Atrazine                  | 16.810 | 200  | 4292     | 0.397 | ng    | 98       |
| 24) Pentachlorophenol         | 17.021 | 266  | 2129     | 0.358 | ng    | 98       |
| 25) Phenanthrene              | 17.393 | 178  | 26535    | 0.411 | ng    | 99       |
| 26) Anthracene                | 17.493 | 178  | 22927    | 0.394 | ng    | 99       |
| 28) Fluoranthene              | 19.416 | 202  | 27745    | 0.409 | ng    | 99       |
| 30) Pyrene                    | 19.779 | 202  | 27563    | 0.424 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.534 | 228  | 16805    | 0.398 | ng    | 100      |
| 33) Chrysene                  | 21.587 | 228  | 19955    | 0.424 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 14878    | 0.395 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.575 | 276  | 18521    | 0.434 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.256 | 252  | 15898    | 0.421 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.309 | 252  | 16021    | 0.393 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.899 | 252  | 15790    | 0.426 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.589 | 278  | 14265    | 0.427 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.367 | 276  | 16948    | 0.435 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

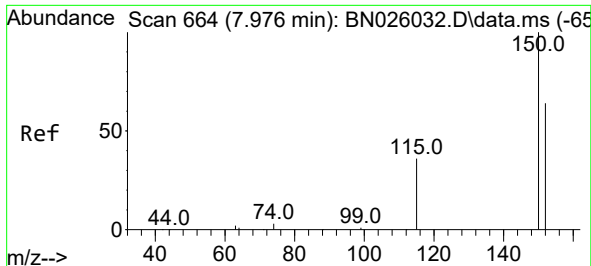
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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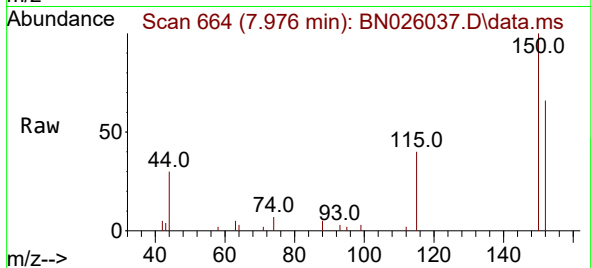
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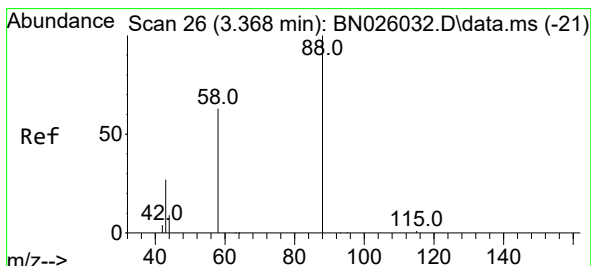
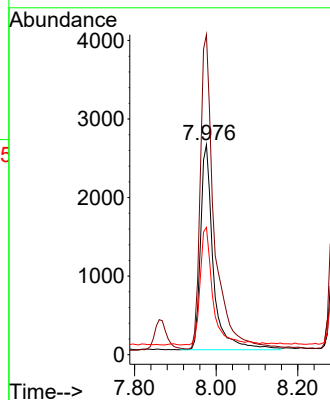
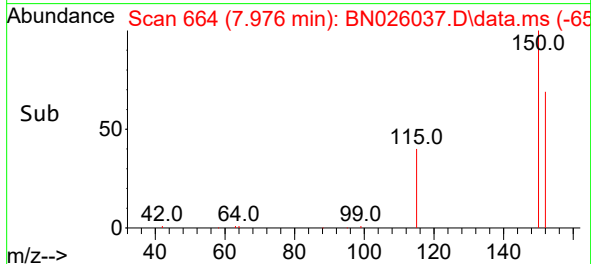


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.976 min Scan# 664  
 Delta R.T. 0.000 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

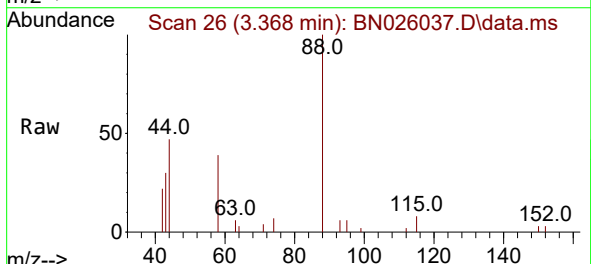
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062723



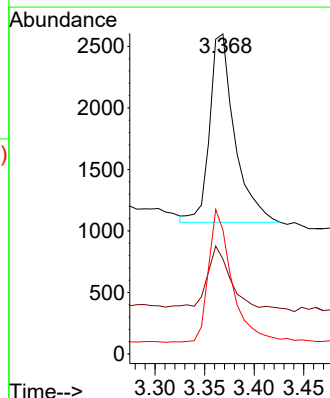
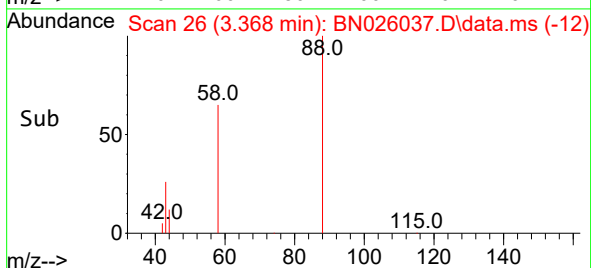
Tgt Ion:152 Resp: 5649  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 124.7 187.1  
 115 60.6 48.2 72.4

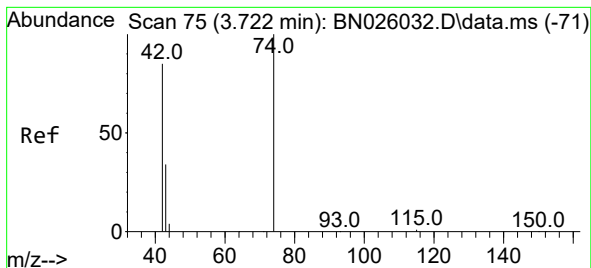


#2  
 1,4-Dioxane  
 Concen: 0.449 ng  
 RT: 3.368 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08



Tgt Ion: 88 Resp: 2682  
 Ion Ratio Lower Upper  
 88 100  
 43 29.6 24.2 36.4  
 58 66.2 53.3 79.9





#3

n-Nitrosodimethylamine

Concen: 0.366 ng

RT: 3.722 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

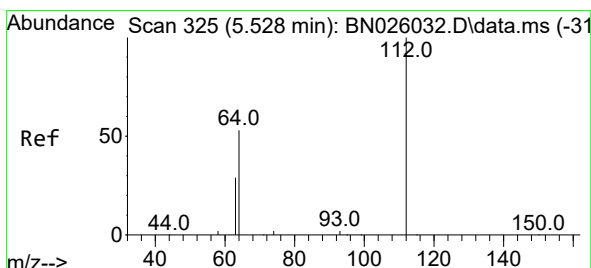
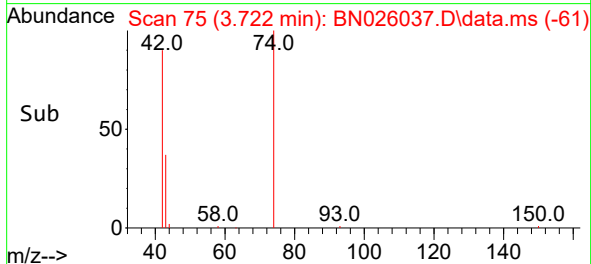
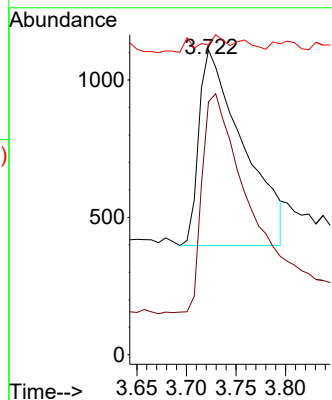
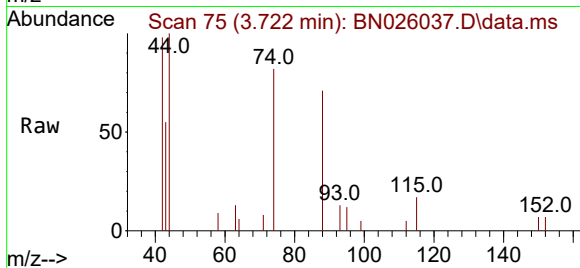
Tgt Ion: 42 Resp: 2213

Ion Ratio Lower Upper

42 100

74 115.2 93.8 140.8

44 2.4 3.0 4.4#



#4

2-Fluorophenol

Concen: 0.398 ng

RT: 5.528 min Scan# 325

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

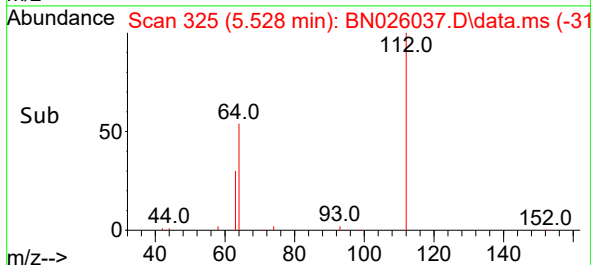
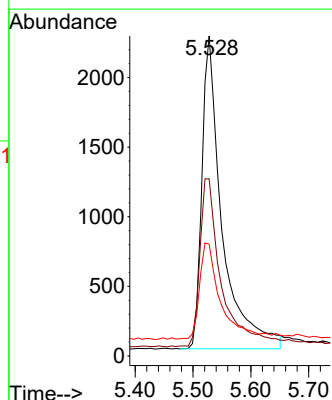
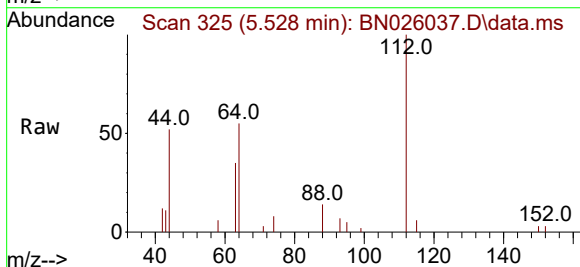
Tgt Ion: 112 Resp: 5460

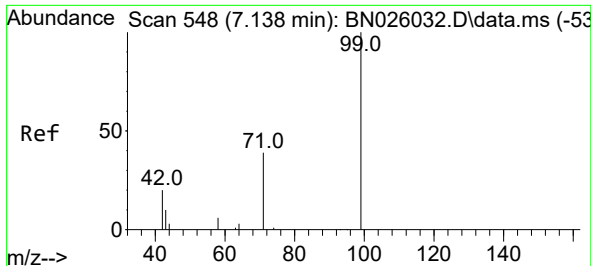
Ion Ratio Lower Upper

112 100

64 57.8 45.8 68.6

63 32.3 27.4 41.2

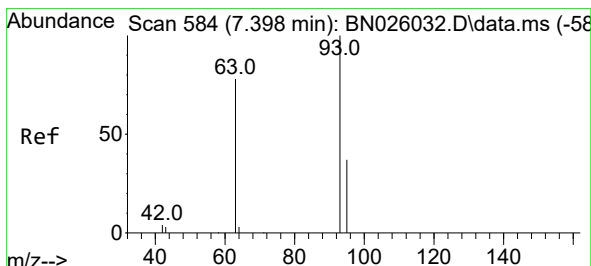
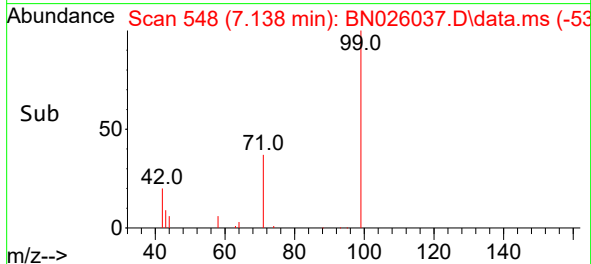
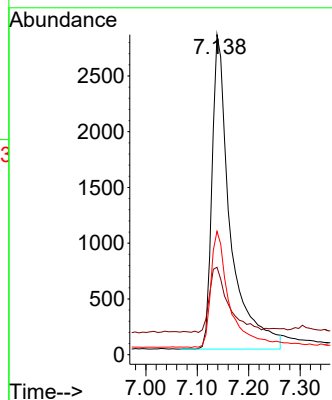
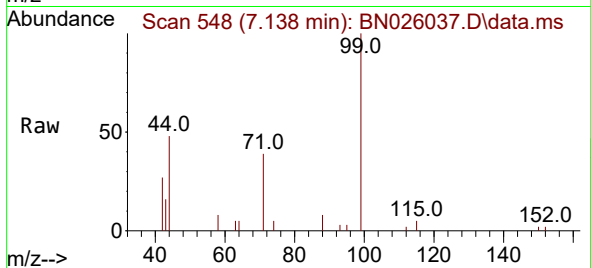




#5  
Phenol-d6  
Concen: 0.400 ng  
RT: 7.138 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

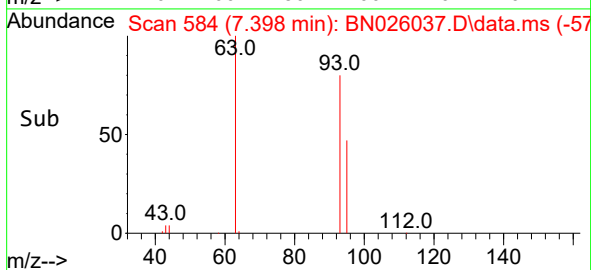
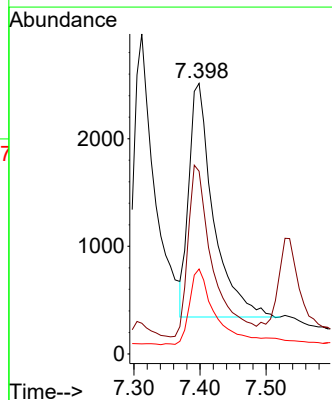
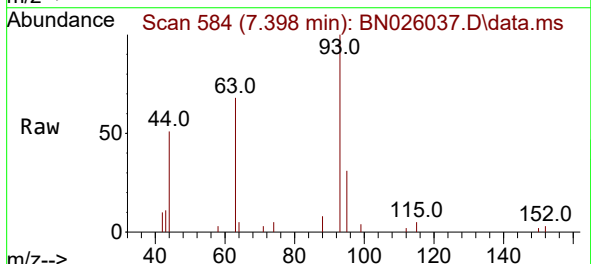
Instrument :  
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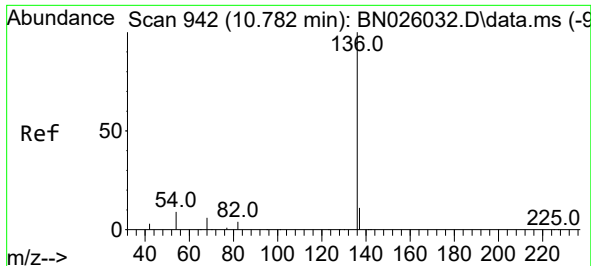
Tgt Ion: 99 Resp: 6981  
Ion Ratio Lower Upper  
99 100  
42 21.7 18.4 27.6  
71 37.9 30.6 46.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.388 ng  
RT: 7.398 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion: 93 Resp: 5578  
Ion Ratio Lower Upper  
93 100  
63 73.6 58.8 88.2  
95 37.1 29.2 43.8

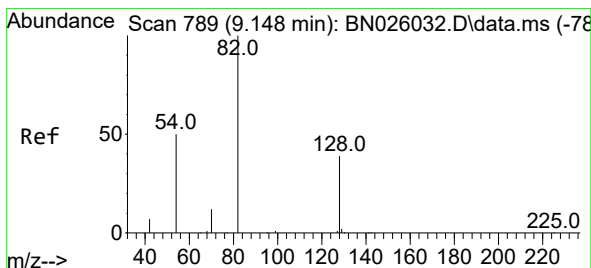
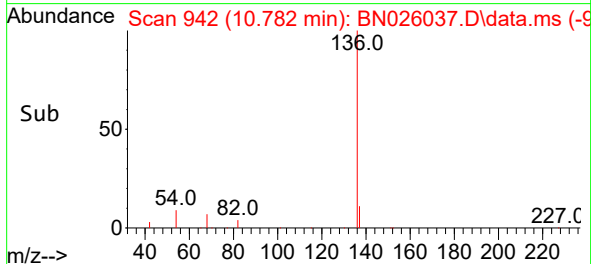
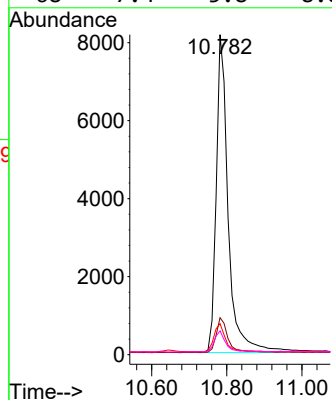
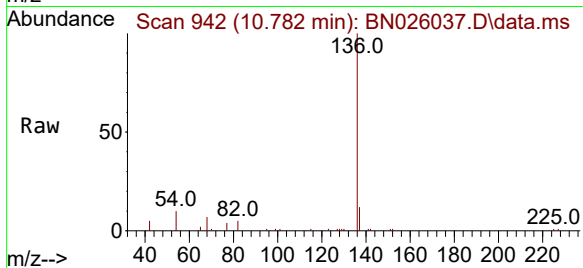




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.782 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

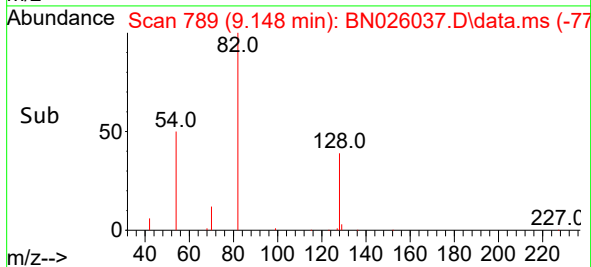
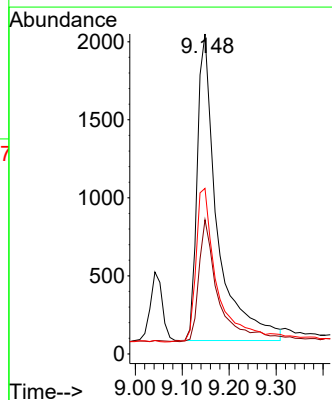
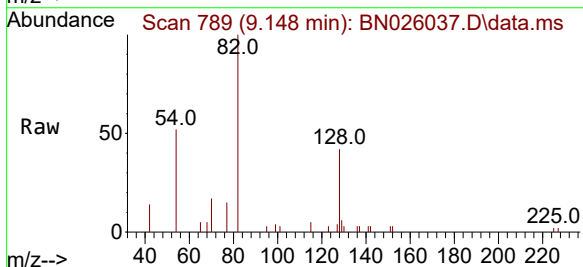
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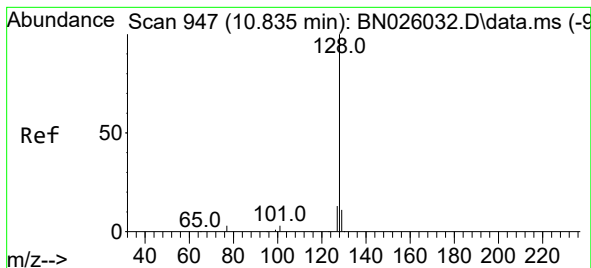
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 17950 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.0   | 13.4  |
| 54        | 9.7   | 7.8   | 11.6  |
| 68        | 7.4   | 5.8   | 8.8   |



#8  
Nitrobenzene-d5  
Concen: 0.381 ng  
RT: 9.148 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5843 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.0  | 33.4  | 50.2 |
| 54        | 51.8  | 41.7  | 62.5 |





#9

Naphthalene

Concen: 0.410 ng

RT: 10.835 min Scan# 947

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

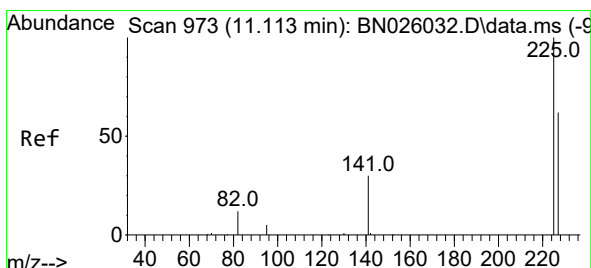
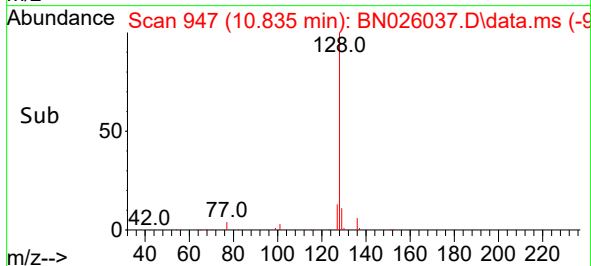
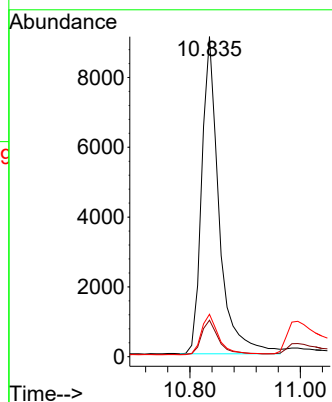
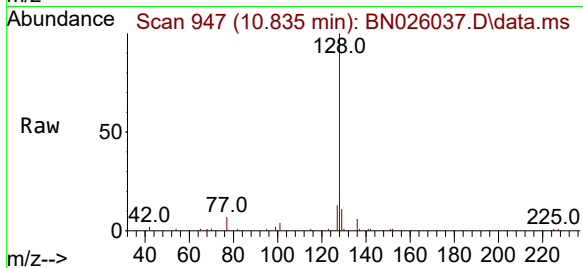
Tgt Ion:128 Resp: 19922

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.3 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.412 ng

RT: 11.113 min Scan# 973

Delta R.T. 0.000 min

Lab File: BN026037.D

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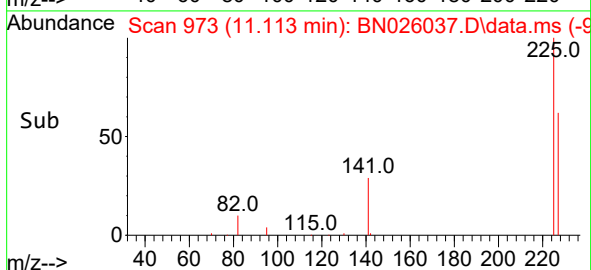
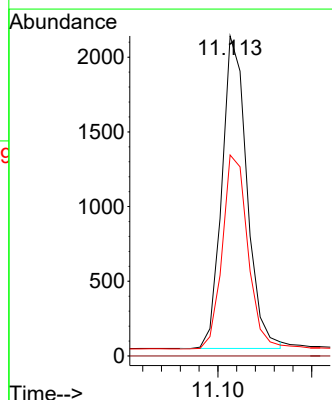
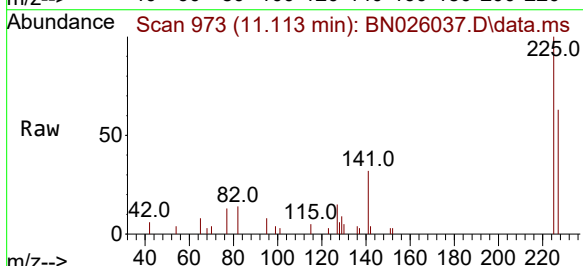
Tgt Ion:225 Resp: 3863

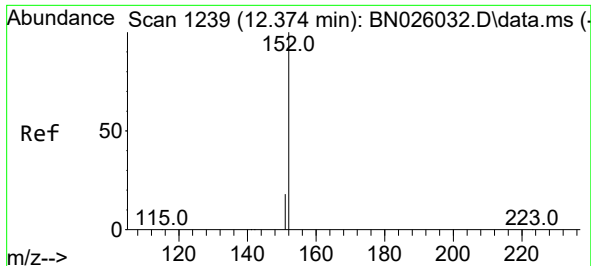
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.4 50.3 75.5

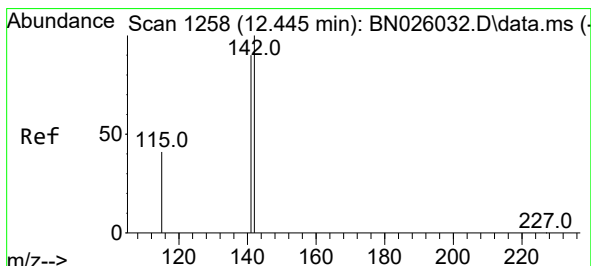
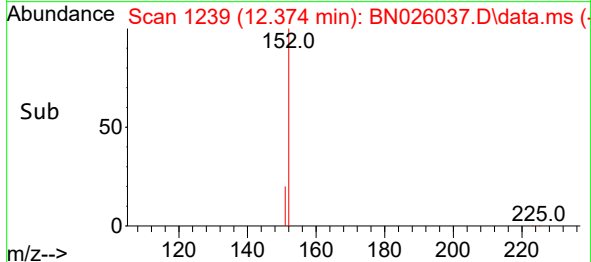
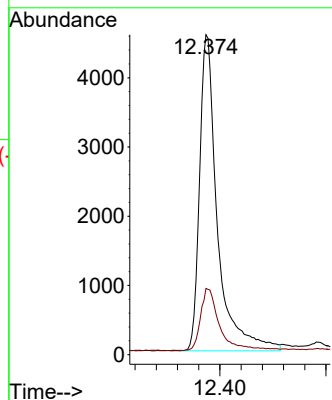
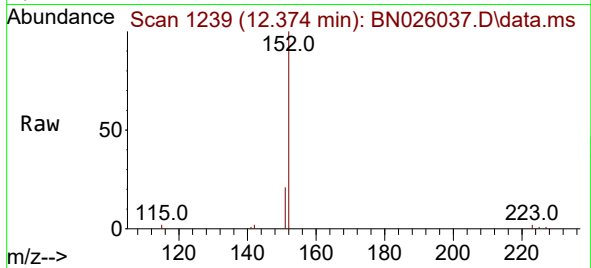




#11  
2-Methylnaphthalene-d10  
Concen: 0.407 ng  
RT: 12.374 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

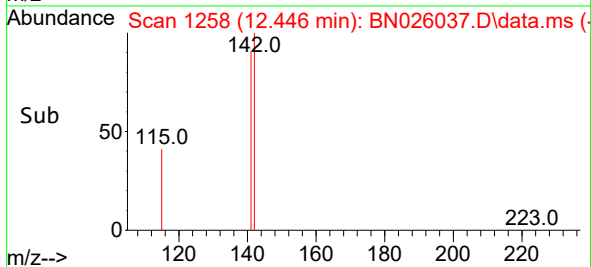
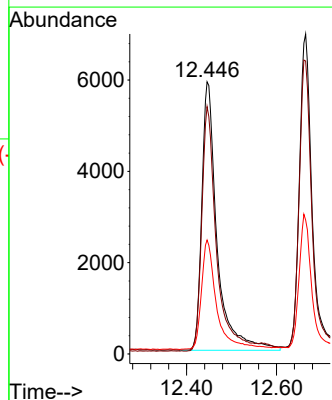
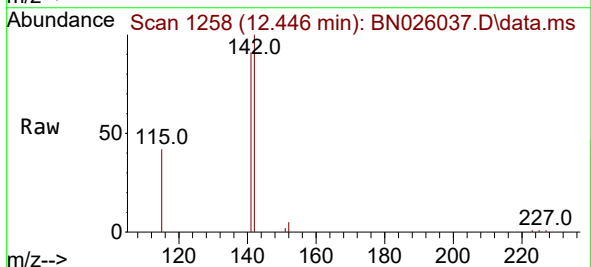
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BNA\_N  
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ICVBN062723

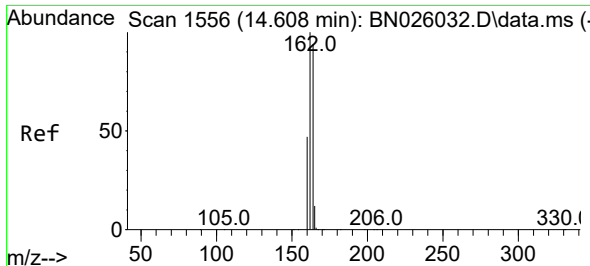
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Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.406 ng  
RT: 12.446 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
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Tgt Ion:142 Resp: 13893  
Ion Ratio Lower Upper  
142 100  
141 90.9 71.7 107.5  
115 41.9 33.4 50.0

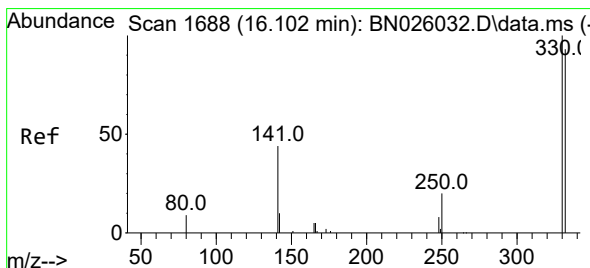
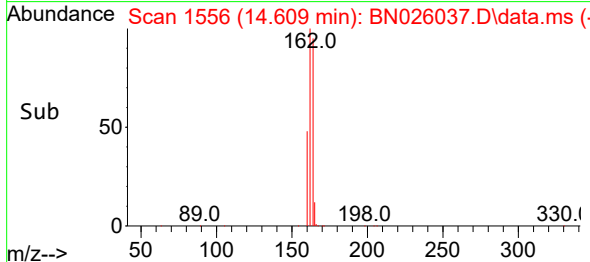
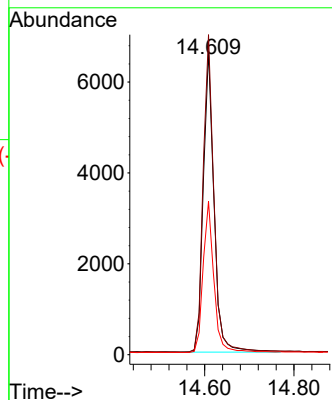
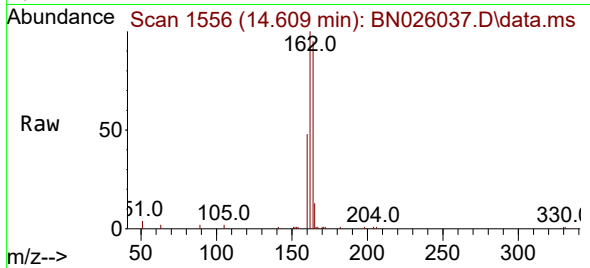




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.609 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

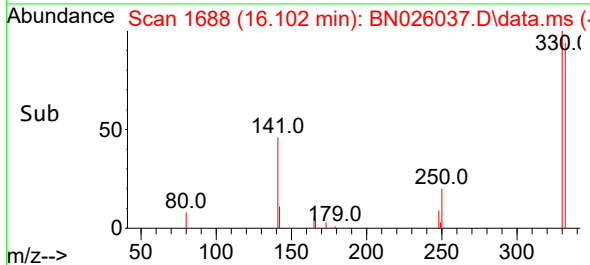
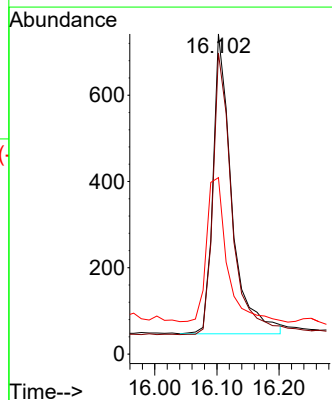
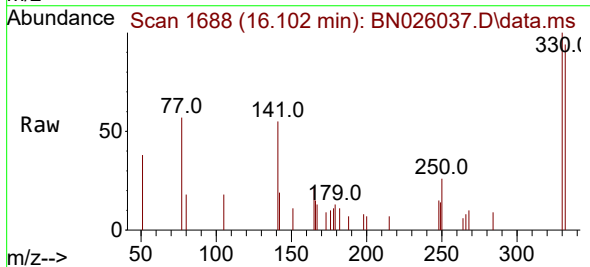
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

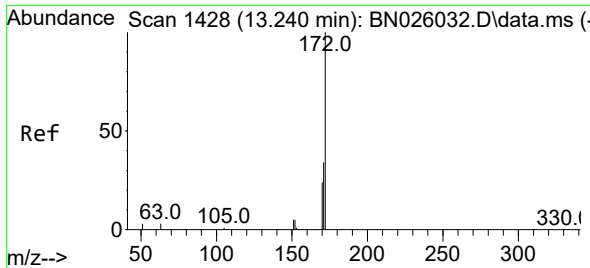
Tgt Ion:164 Resp: 11024  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.3 127.9  
160 50.5 40.0 60.0



#14  
2,4,6-Tribromophenol  
Concen: 0.365 ng  
RT: 16.102 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:330 Resp: 1464  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.0 114.0  
141 52.1 42.8 64.2

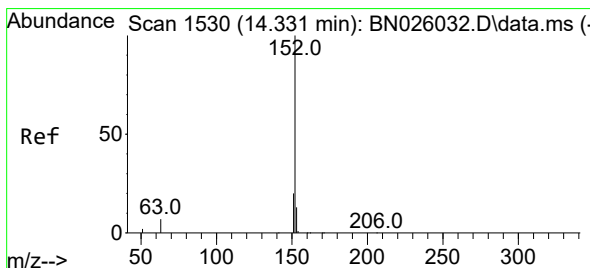
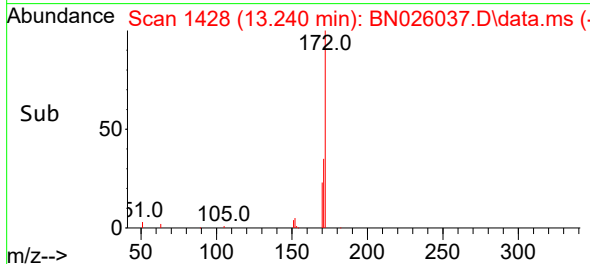
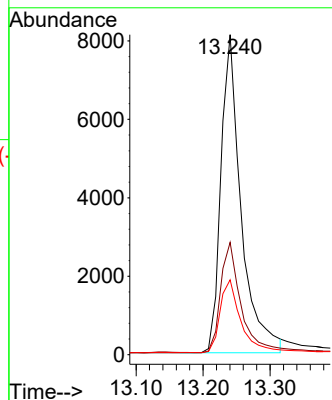
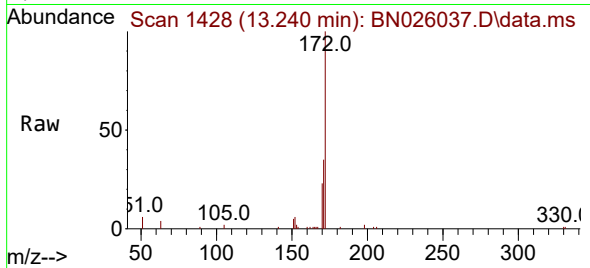




#15  
2-Fluorobiphenyl  
Concen: 0.400 ng  
RT: 13.240 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

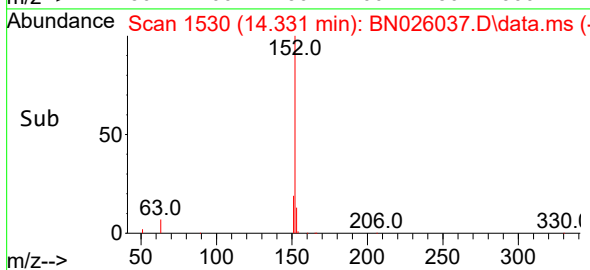
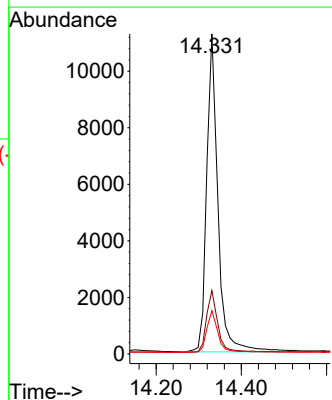
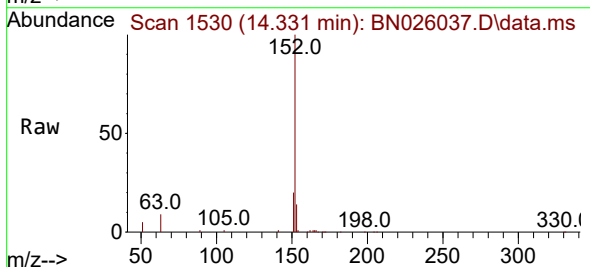
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

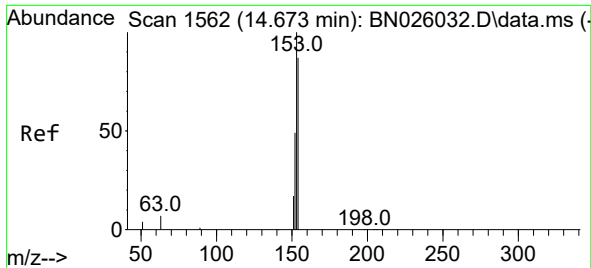
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 17020 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.1  | 27.8  | 41.8  |
| 170       | 23.4  | 19.3  | 28.9  |



#16  
Acenaphthylene  
Concen: 0.398 ng  
RT: 14.331 min Scan# 1530  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 20557 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.9  | 23.9  |
| 153       | 13.2  | 10.6  | 15.8  |

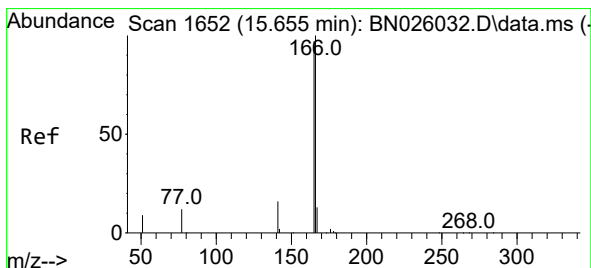
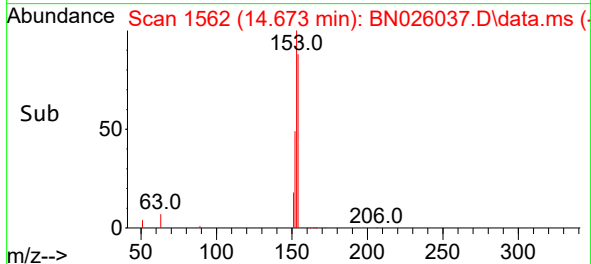
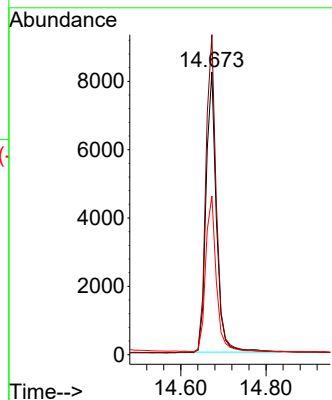
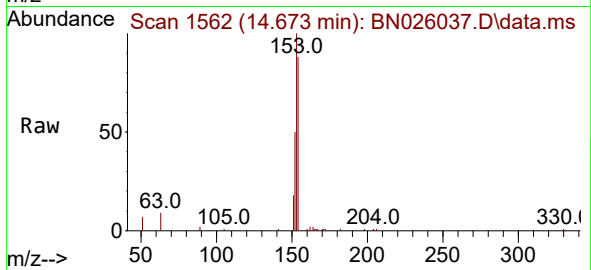




#17  
Acenaphthene  
Concen: 0.416 ng  
RT: 14.673 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

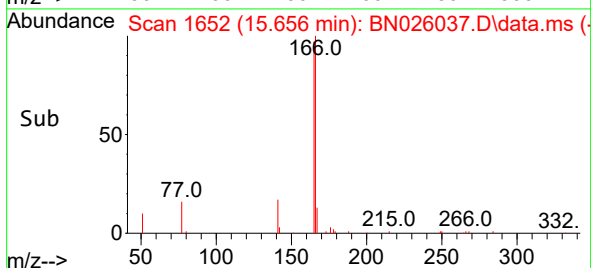
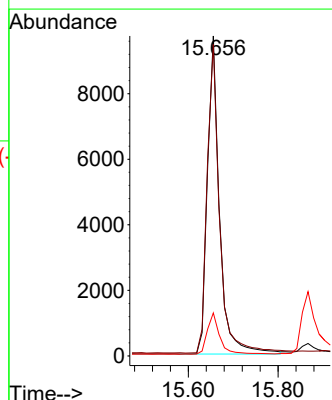
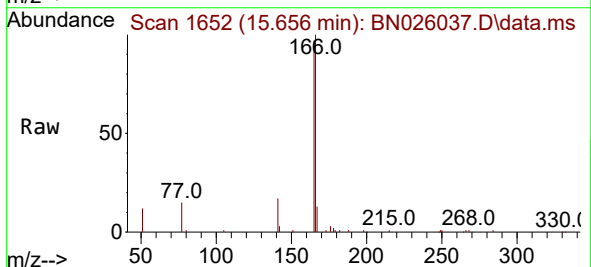
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

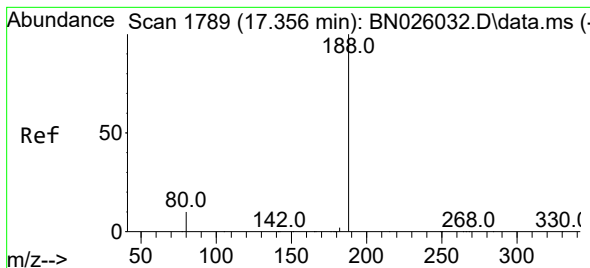
Tgt Ion:154 Resp: 13902  
Ion Ratio Lower Upper  
154 100  
153 114.9 94.4 141.6  
152 56.6 46.1 69.1



#18  
Fluorene  
Concen: 0.416 ng  
RT: 15.656 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:166 Resp: 18083  
Ion Ratio Lower Upper  
166 100  
165 99.3 79.7 119.5  
167 13.3 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.356 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

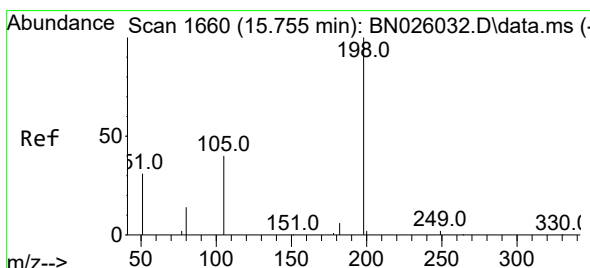
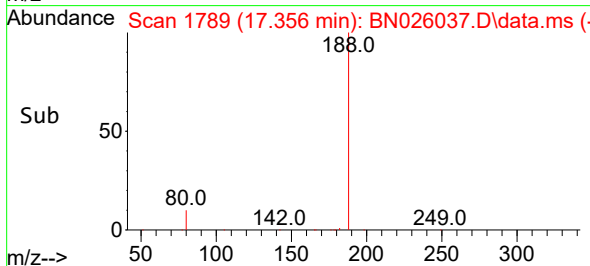
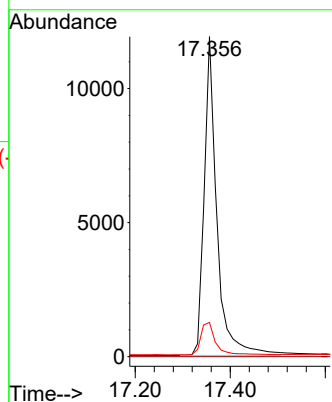
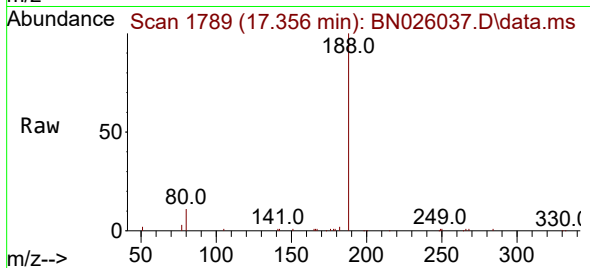
Tgt Ion:188 Resp: 22052

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.367 ng

RT: 15.755 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

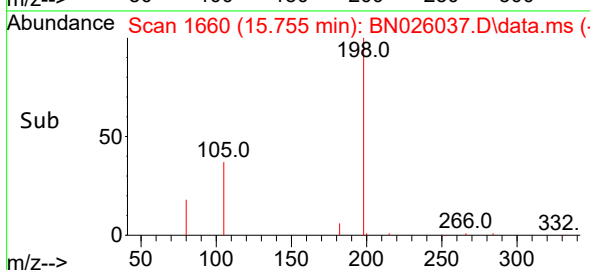
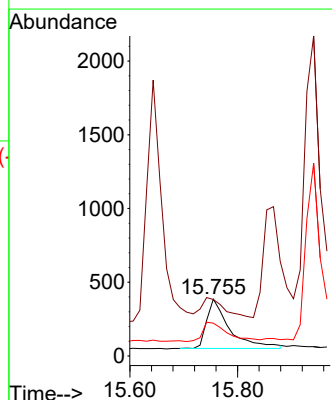
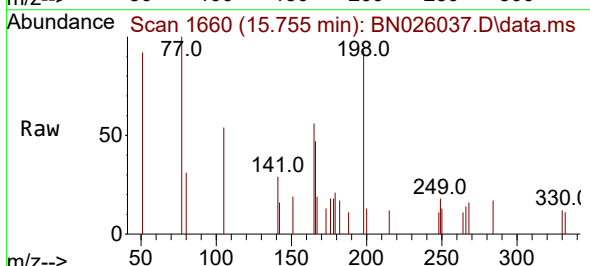
Tgt Ion:198 Resp: 988

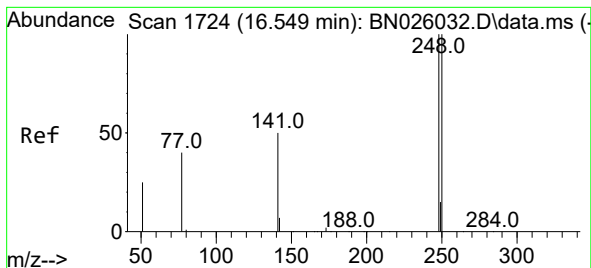
Ion Ratio Lower Upper

198 100

51 99.5 85.8 128.8

105 57.9 48.2 72.2

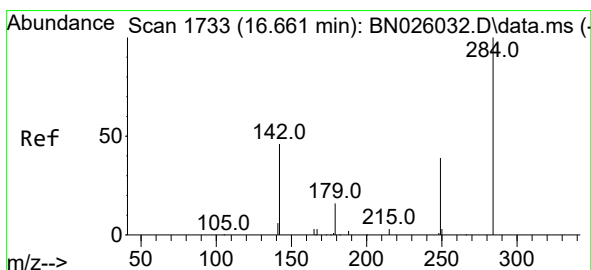
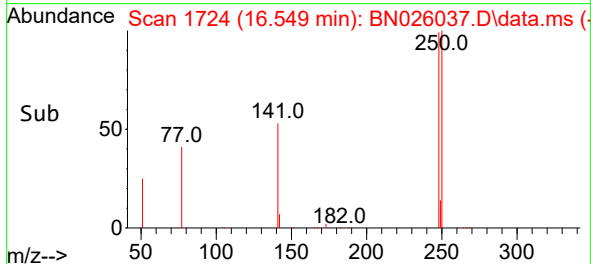
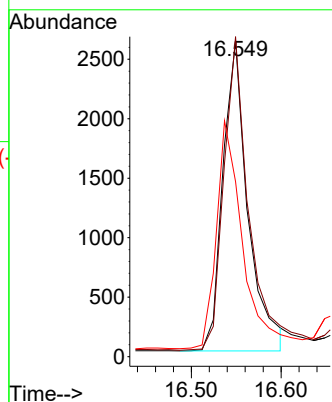
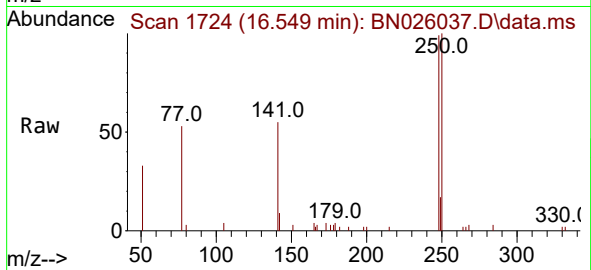




#21  
4-Bromophenyl-phenylether  
Concen: 0.402 ng  
RT: 16.549 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

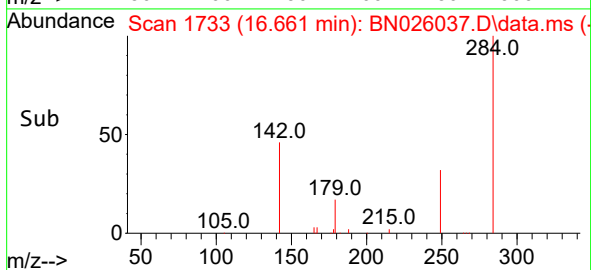
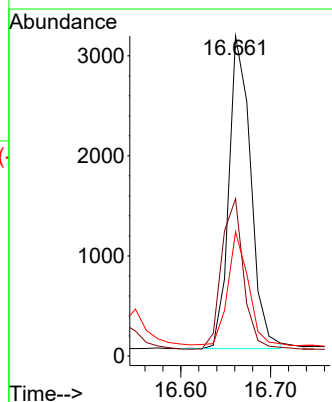
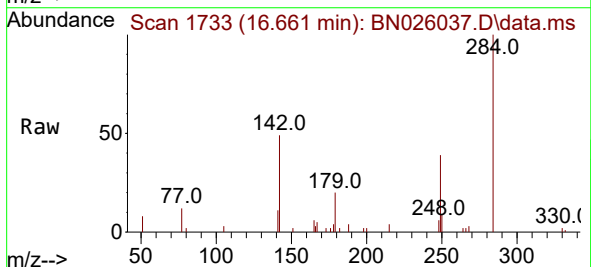
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

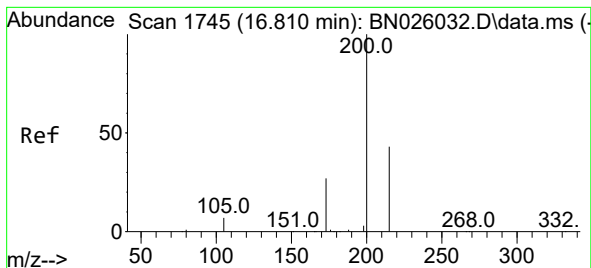
Tgt Ion:248 Resp: 5060  
Ion Ratio Lower Upper  
248 100  
250 101.2 79.9 119.9  
141 55.4 41.6 62.4



#22  
Hexachlorobenzene  
Concen: 0.418 ng  
RT: 16.661 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:284 Resp: 5279  
Ion Ratio Lower Upper  
284 100  
142 48.6 38.7 58.1  
249 33.5 28.5 42.7





#23

Atrazine

Concen: 0.397 ng

RT: 16.810 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

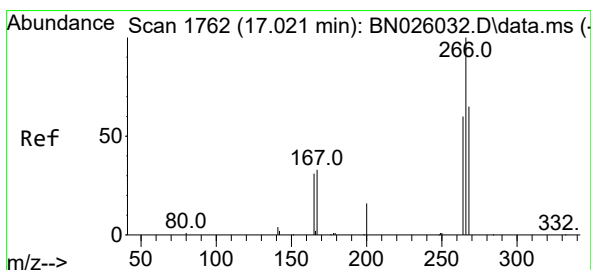
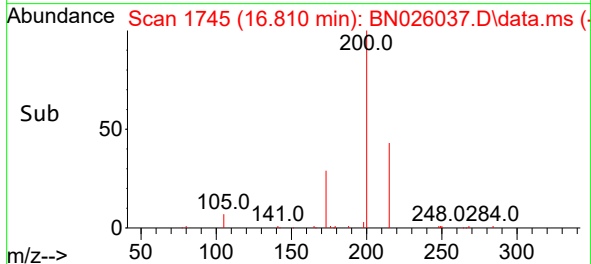
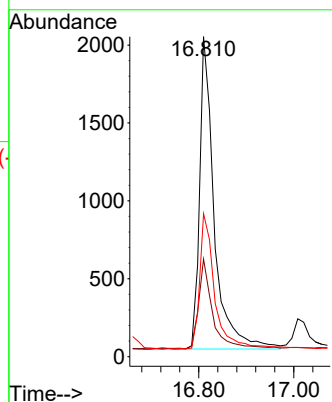
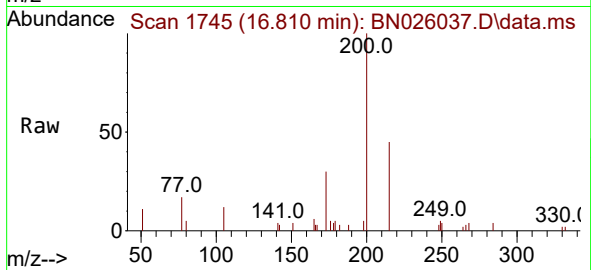
Tgt Ion:200 Resp: 4292

Ion Ratio Lower Upper

200 100

173 30.5 22.9 34.3

215 44.7 35.5 53.3



#24

Pentachlorophenol

Concen: 0.358 ng

RT: 17.021 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

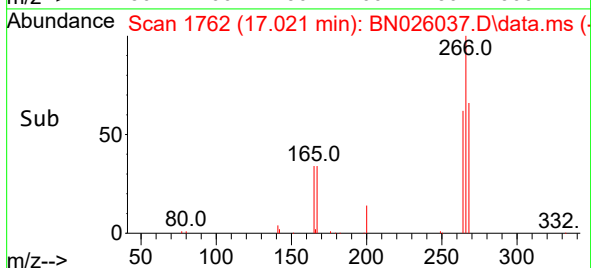
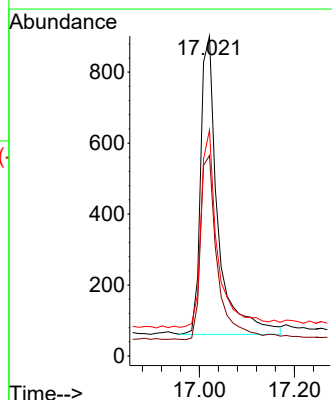
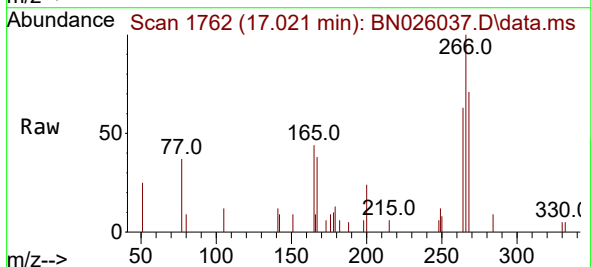
Tgt Ion:266 Resp: 2129

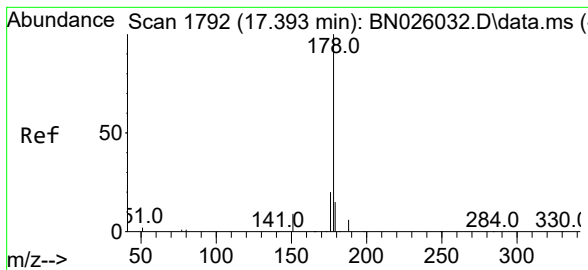
Ion Ratio Lower Upper

266 100

264 62.0 49.3 73.9

268 63.4 48.3 72.5

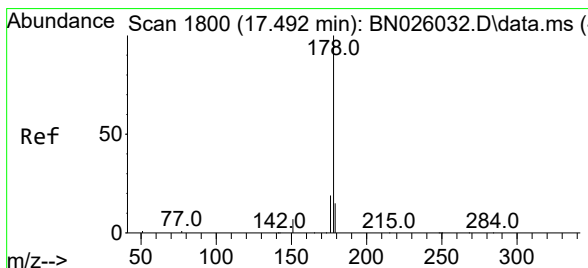
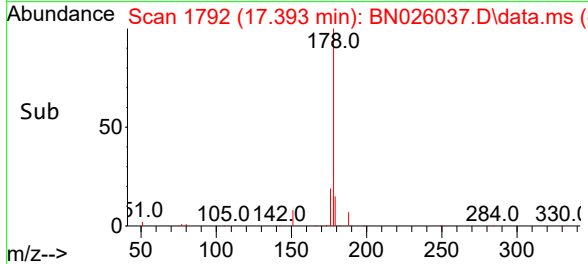
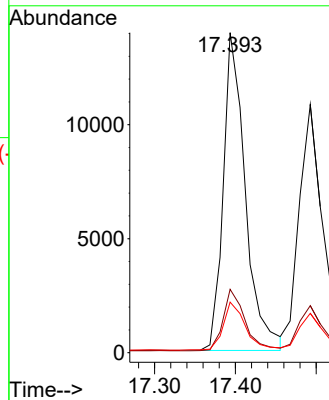
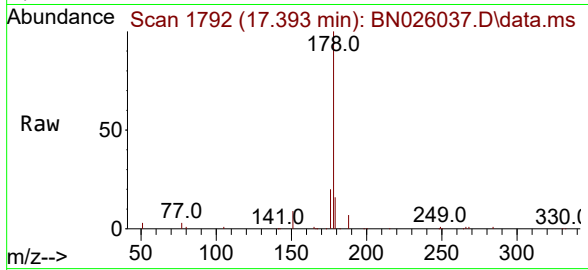




#25  
 Phenanthrene  
 Concen: 0.411 ng  
 RT: 17.393 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

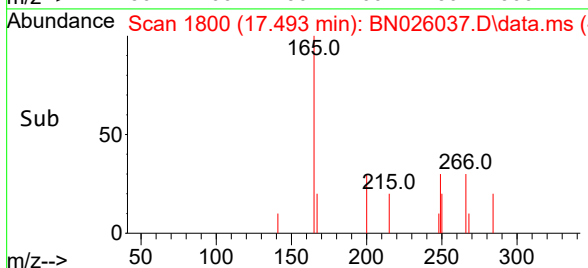
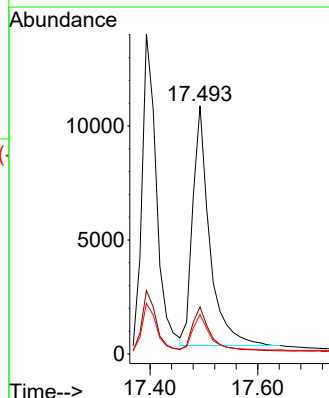
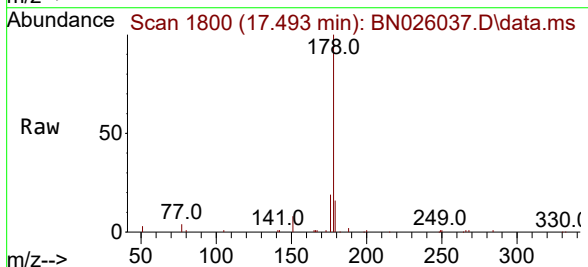
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062723

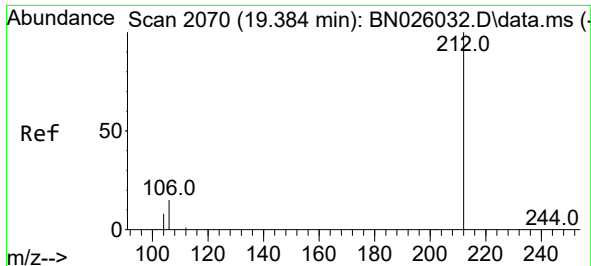
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 26535 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.2  | 15.6  | 23.4  |
| 179       | 15.3  | 12.3  | 18.5  |



#26  
 Anthracene  
 Concen: 0.394 ng  
 RT: 17.493 min Scan# 1800  
 Delta R.T. 0.000 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 22927 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.8  | 15.0  | 22.4  |
| 179       | 15.0  | 12.4  | 18.6  |

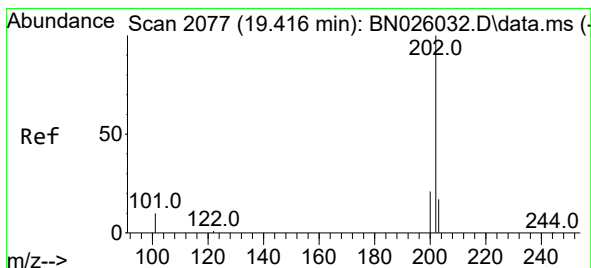
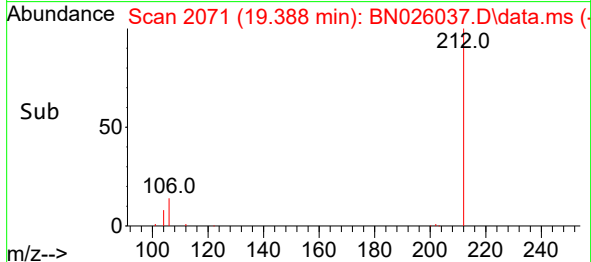
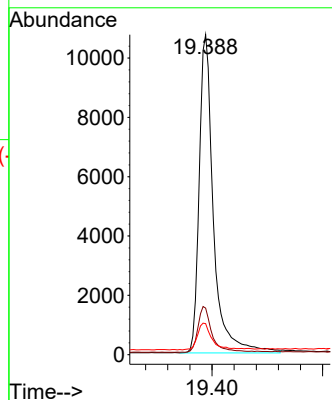
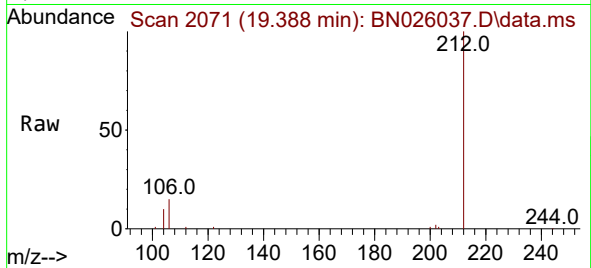




#27  
Fluoranthene-d10  
Concen: 0.412 ng  
RT: 19.388 min Scan# 2071  
Delta R.T. 0.005 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

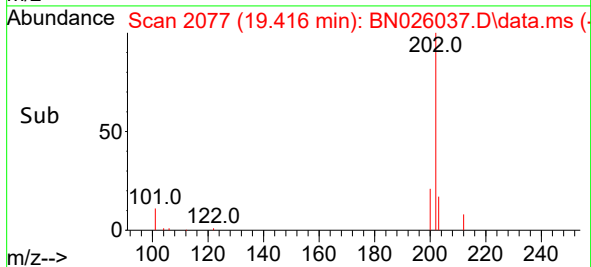
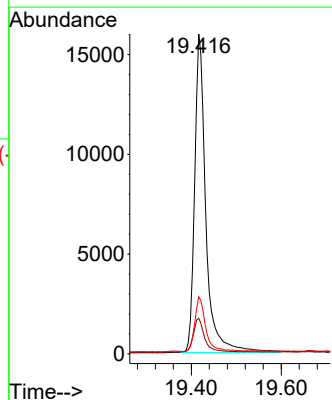
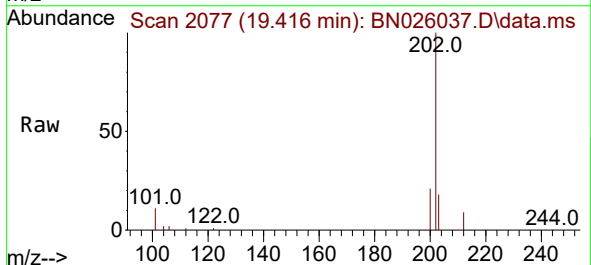
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

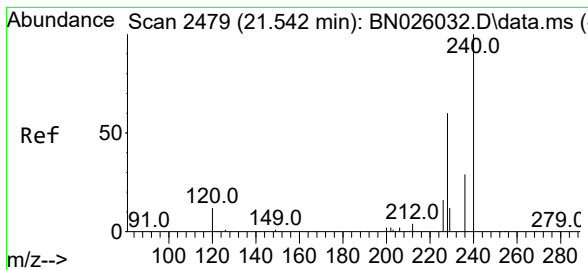
Tgt Ion:212 Resp: 19229  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.6 17.4  
104 8.6 7.2 10.8



#28  
Fluoranthene  
Concen: 0.409 ng  
RT: 19.416 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:202 Resp: 27745  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.3 12.5  
203 16.8 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.551 min Scan# 2480

Delta R.T. 0.009 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

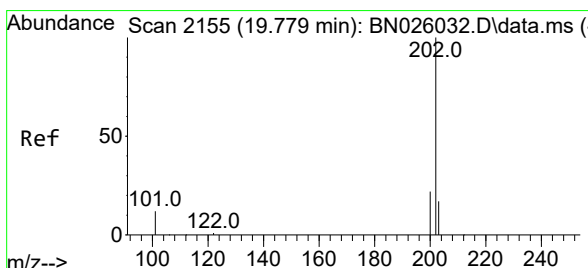
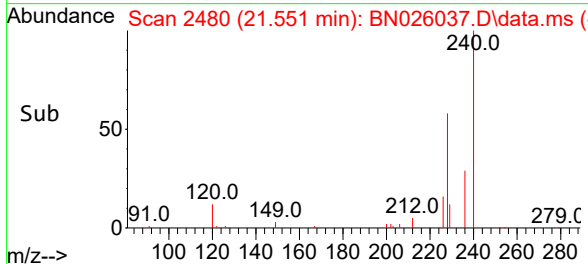
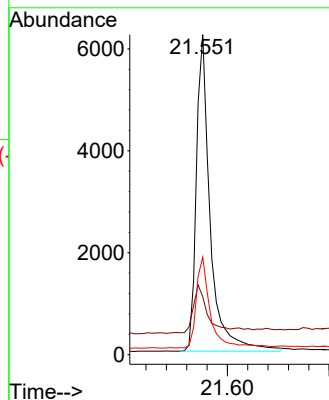
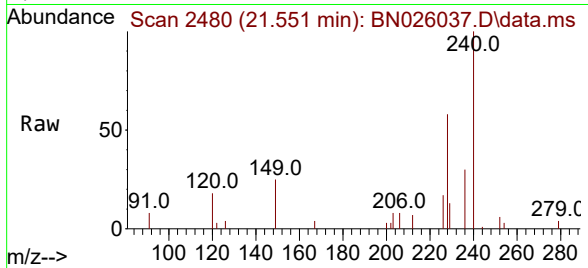
Tgt Ion:240 Resp: 11741

Ion Ratio Lower Upper

240 100

120 18.1 14.6 22.0

236 30.5 24.2 36.2



#30

Pyrene

Concen: 0.424 ng

RT: 19.779 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

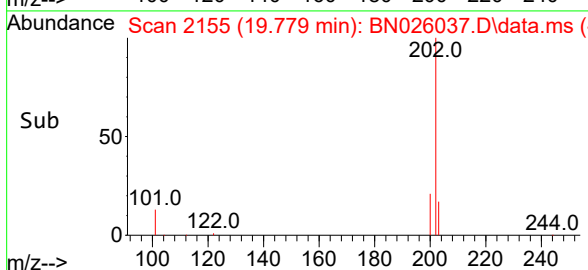
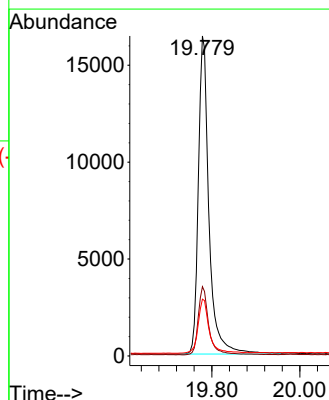
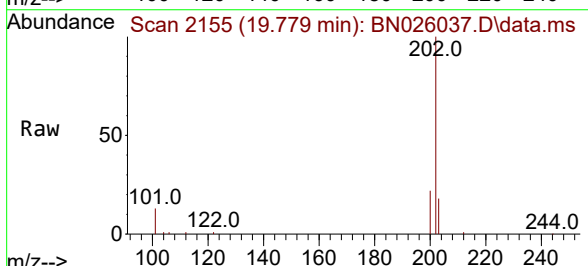
Tgt Ion:202 Resp: 27563

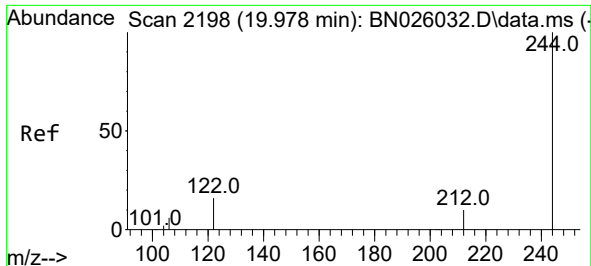
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.8 14.2 21.4

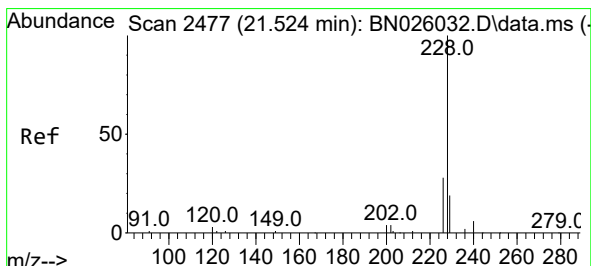
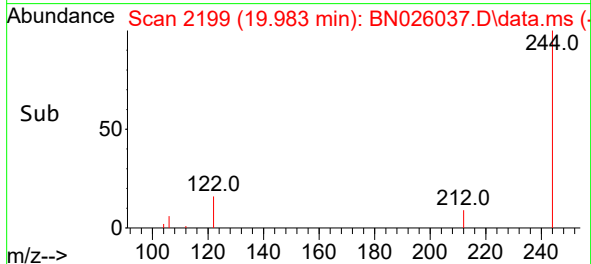
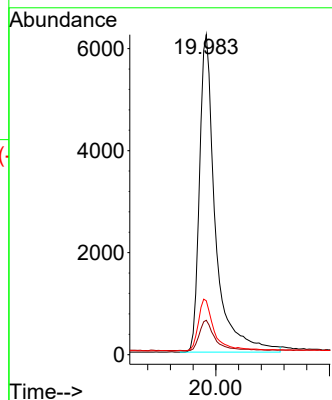
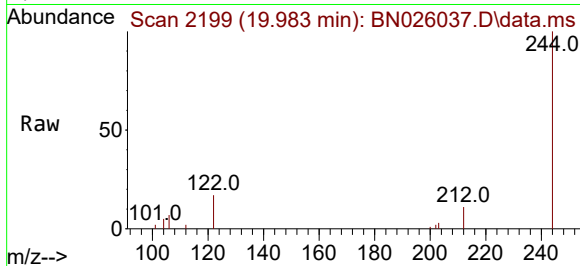




#31  
 Terphenyl-d14  
 Concen: 0.404 ng  
 RT: 19.983 min Scan# 2199  
 Delta R.T. 0.005 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

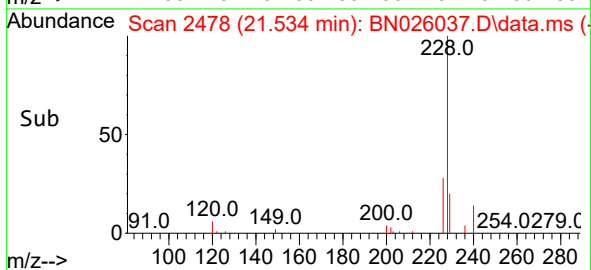
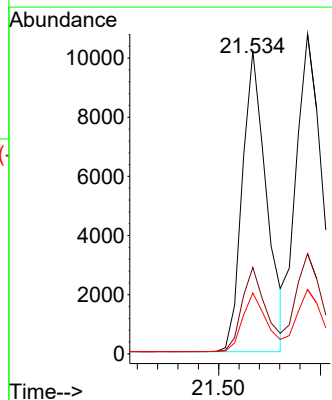
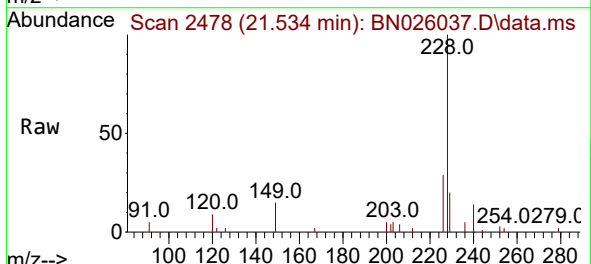
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062723

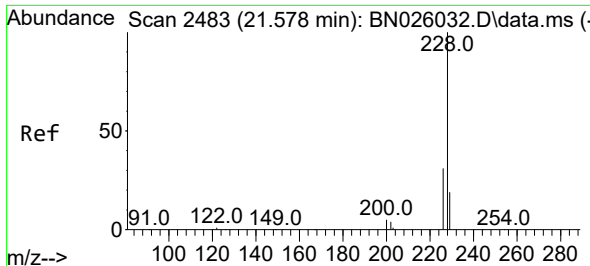
Tgt Ion:244 Resp: 12133  
 Ion Ratio Lower Upper  
 244 100  
 212 10.8 8.7 13.1  
 122 16.9 13.7 20.5



#32  
 Benzo(a)anthracene  
 Concen: 0.398 ng  
 RT: 21.534 min Scan# 2478  
 Delta R.T. 0.009 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

Tgt Ion:228 Resp: 16805  
 Ion Ratio Lower Upper  
 228 100  
 226 28.6 23.0 34.6  
 229 20.1 15.9 23.9





#33

Chrysene

Concen: 0.424 ng

RT: 21.587 min Scan# 2483

Delta R.T. 0.009 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

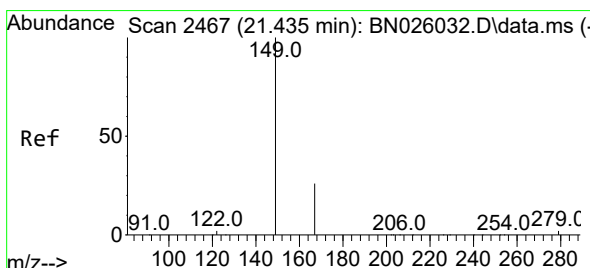
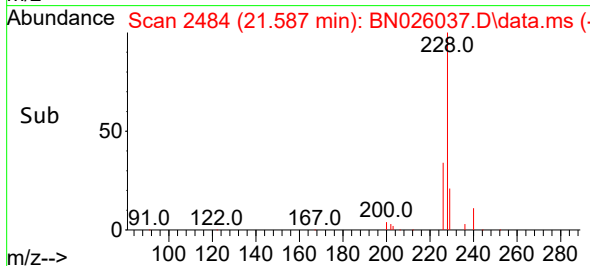
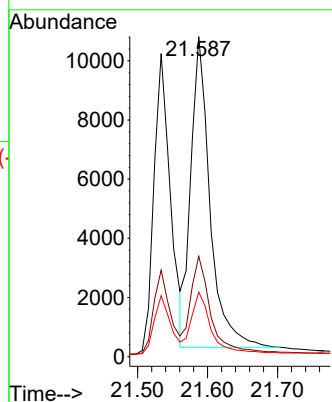
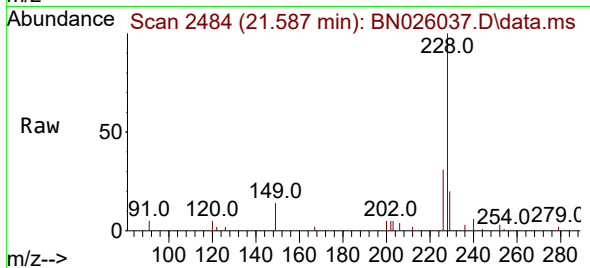
Tgt Ion:228 Resp: 19955

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

229 20.2 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.395 ng

RT: 21.444 min Scan# 2468

Delta R.T. 0.009 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

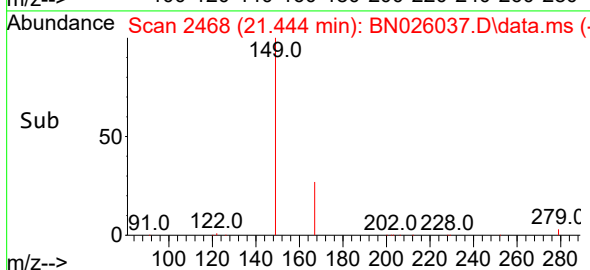
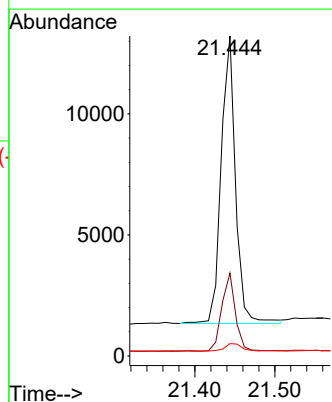
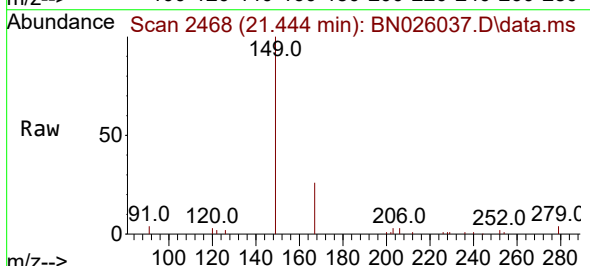
Tgt Ion:149 Resp: 14878

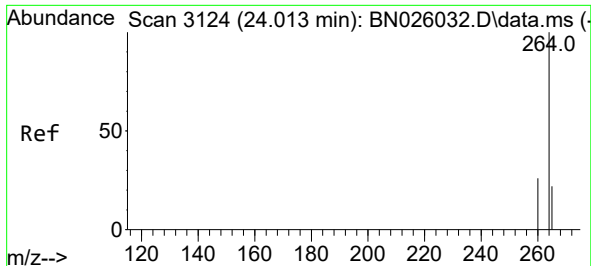
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

279 3.0 2.4 3.6



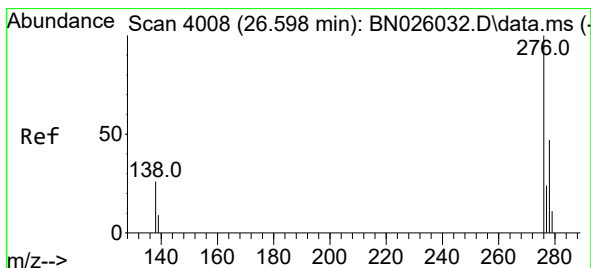
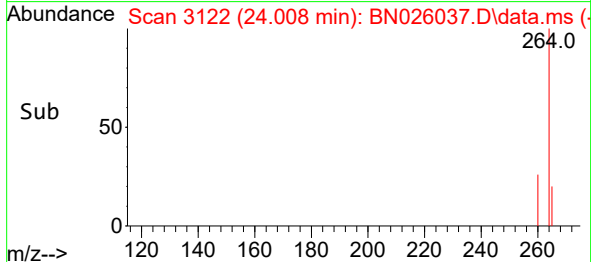
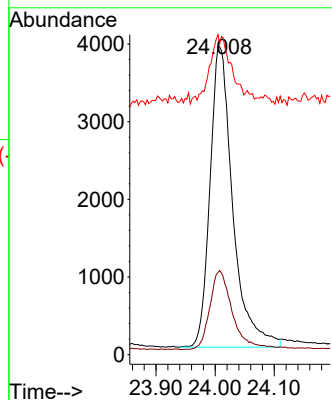
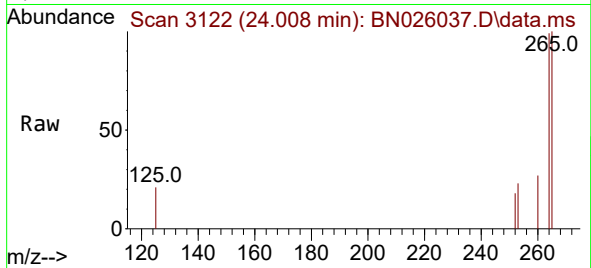


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.008 min Scan# 3124  
Delta R.T. -0.006 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

Tgt Ion:264 Resp: 10403  

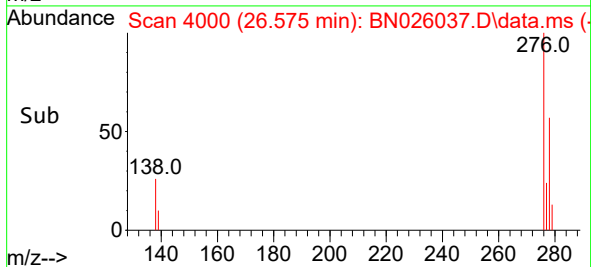
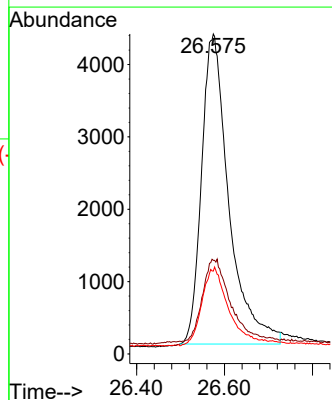
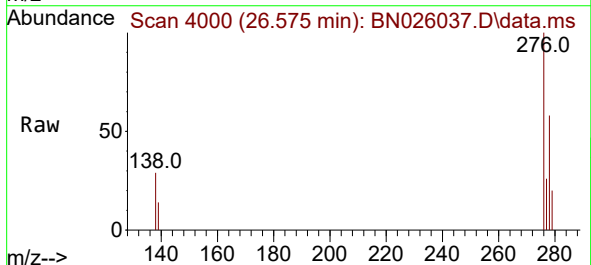
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.3  | 21.9  | 32.9  |
| 265 | 100.9 | 80.3  | 120.5 |

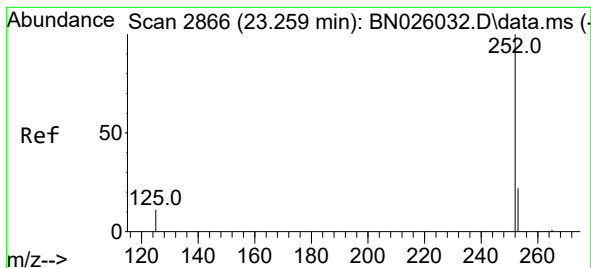


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.434 ng  
RT: 26.575 min Scan# 4000  
Delta R.T. -0.023 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:276 Resp: 18521  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.0  | 21.4  | 32.2  |
| 277 | 25.1  | 19.6  | 29.4  |





#37

Benzo(b)fluoranthene

Concen: 0.421 ng

RT: 23.256 min Scan# 2865

Delta R.T. -0.003 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

Instrument :

BNA\_N

ClientSampleId :

ICVBN062723

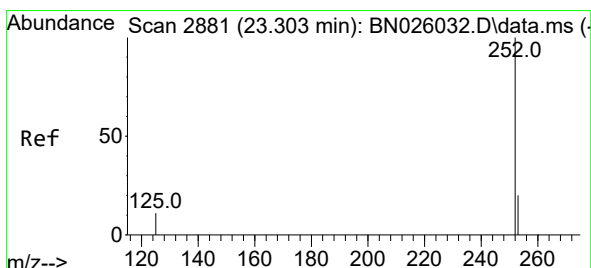
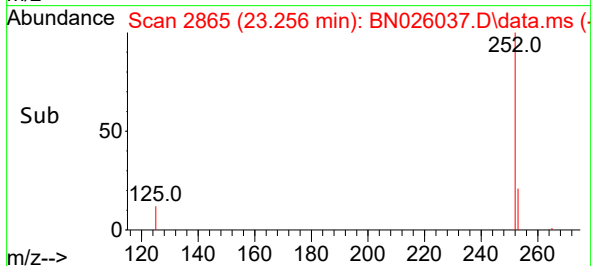
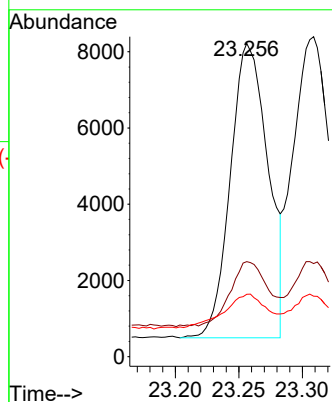
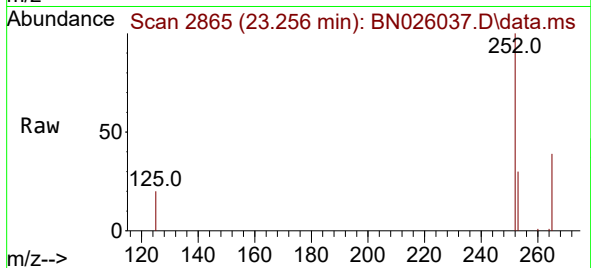
Tgt Ion:252 Resp: 15898

Ion Ratio Lower Upper

252 100

253 30.3 24.1 36.1

125 19.9 15.4 23.0



#38

Benzo(k)fluoranthene

Concen: 0.393 ng

RT: 23.309 min Scan# 2883

Delta R.T. 0.006 min

Lab File: BN026037.D

Acq: 27 Jun 2023 15:08

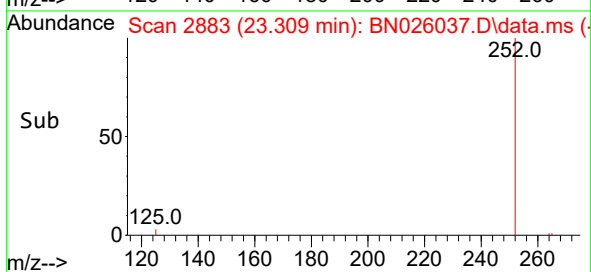
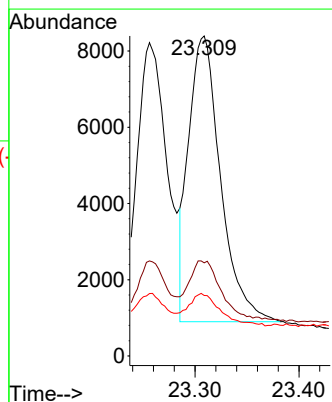
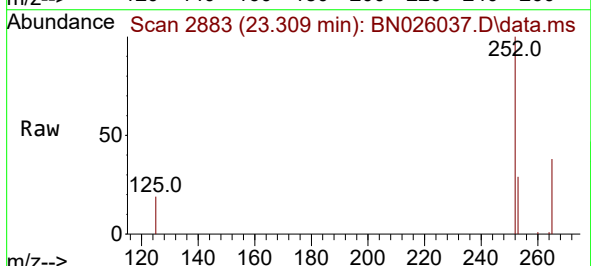
Tgt Ion:252 Resp: 16021

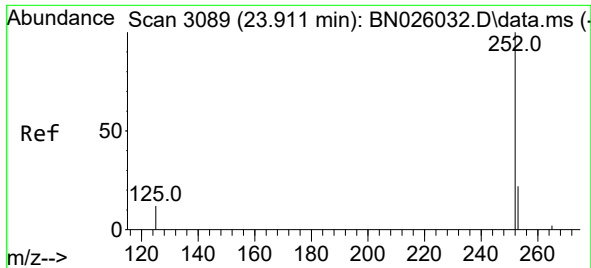
Ion Ratio Lower Upper

252 100

253 29.1 23.6 35.4

125 18.9 15.8 23.8

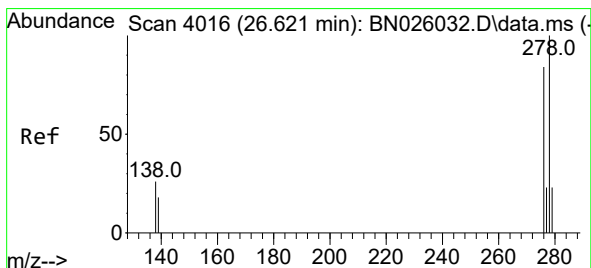
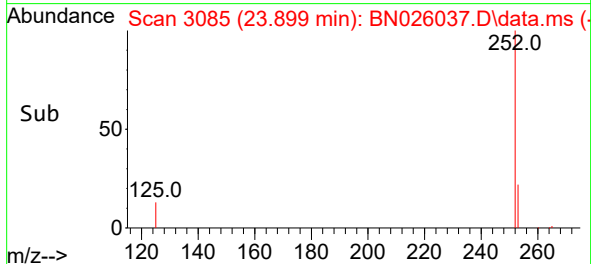
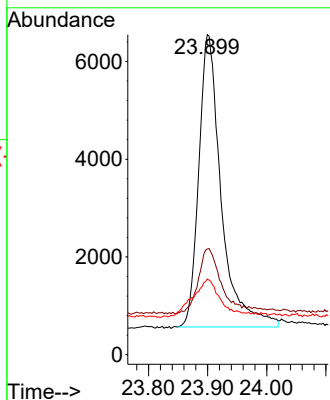
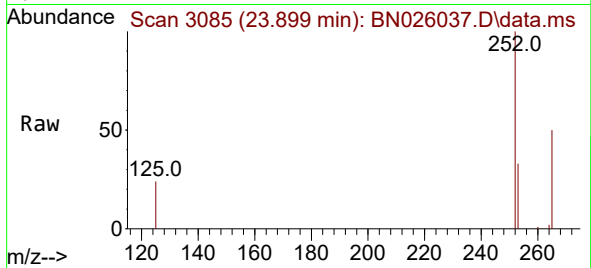




#39  
Benzo(a)pyrene  
Concen: 0.426 ng  
RT: 23.899 min Scan# 3085  
Delta R.T. -0.012 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

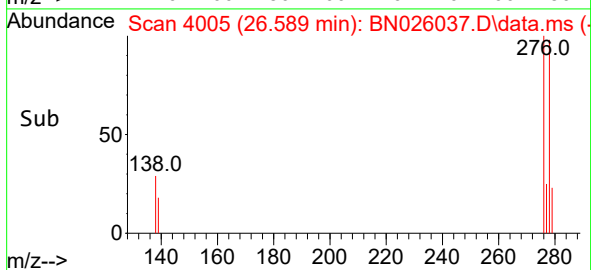
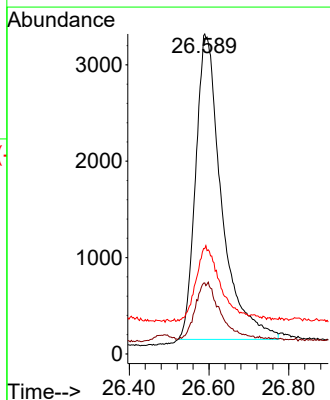
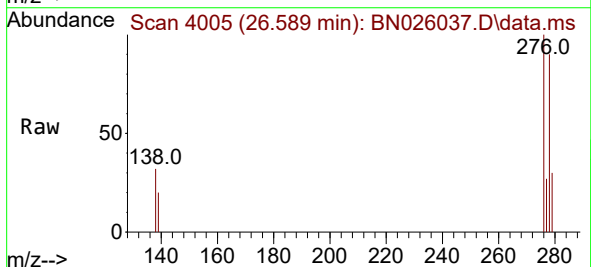
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062723

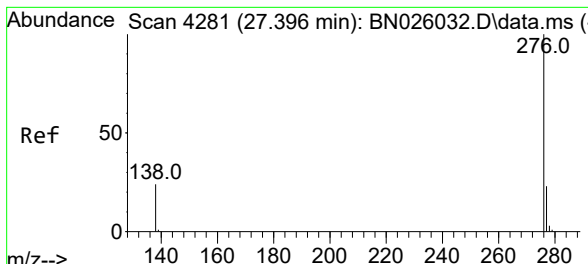
Tgt Ion:252 Resp: 15790  
Ion Ratio Lower Upper  
252 100  
253 33.1 26.2 39.4  
125 23.7 18.7 28.1



#40  
Dibenzo(a,h)anthracene  
Concen: 0.427 ng  
RT: 26.589 min Scan# 4005  
Delta R.T. -0.032 min  
Lab File: BN026037.D  
Acq: 27 Jun 2023 15:08

Tgt Ion:278 Resp: 14265  
Ion Ratio Lower Upper  
278 100  
139 22.2 18.1 27.1  
279 32.9 25.4 38.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.435 ng  
 RT: 27.367 min Scan# 41  
 Delta R.T. -0.029 min  
 Lab File: BN026037.D  
 Acq: 27 Jun 2023 15:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062723

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 16948 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.6  | 20.3  | 30.5  |
| 138      | 26.9  | 21.5  | 32.3  |

