

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120523\  
 Data File : BN029048.D  
 Acq On : 05 Dec 2023 23:02  
 Operator : MA/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523

Quant Time: Dec 06 00:50:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 00:49:47 2023  
 Response via : Initial Calibration

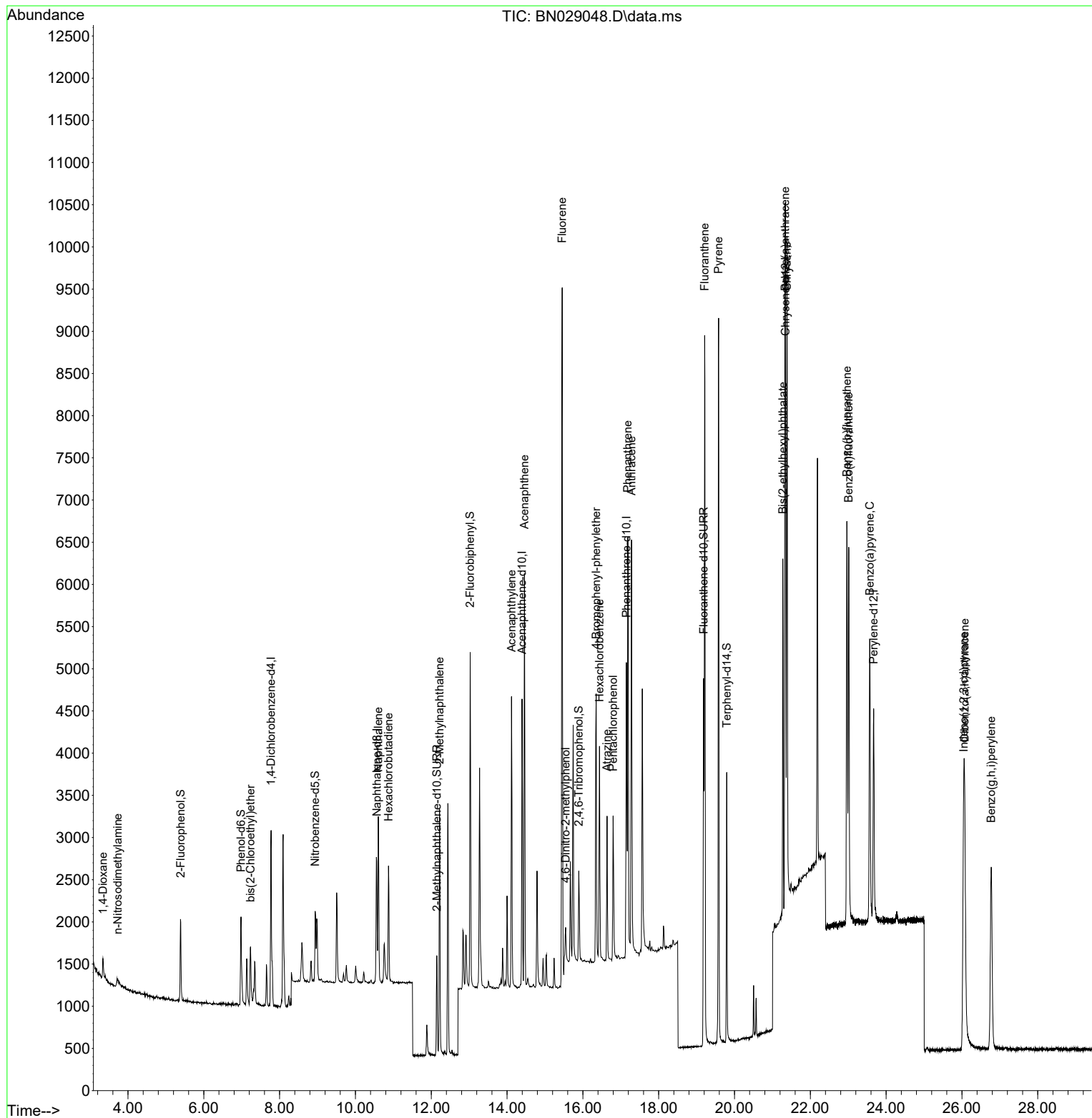
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 1057     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 2217     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.396 | 164  | 1916     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.146 | 188  | 5063     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.347 | 240  | 3716     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.670 | 264  | 3492     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 886      | 0.371 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.980  | 99   | 1013     | 0.354 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.939  | 82   | 873      | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.148 | 152  | 1676     | 0.360 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.893 | 330  | 706      | 0.334 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.028 | 172  | 3502     | 0.353 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.185 | 212  | 5605     | 0.352 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.794 | 244  | 3355     | 0.357 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.341  | 88   | 304      | 0.357 | ng    | # 95     |
| 3) n-Nitrosodimethylamine     | 3.731  | 42   | 184      | 0.356 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.233  | 93   | 689      | 0.341 | ng    | 96       |
| 9) Naphthalene                | 10.605 | 128  | 2450     | 0.354 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.872 | 225  | 1090     | 0.357 | ng    | # 96     |
| 12) 2-Methylnaphthalene       | 12.219 | 142  | 1959     | 0.348 | ng    | 98       |
| 16) Acenaphthylene            | 14.118 | 152  | 3646     | 0.346 | ng    | 100      |
| 17) Acenaphthene              | 14.460 | 154  | 2346     | 0.355 | ng    | 99       |
| 18) Fluorene                  | 15.455 | 166  | 3810     | 0.361 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.545 | 198  | 486      | 0.318 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.352 | 248  | 1630     | 0.356 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.439 | 284  | 1860     | 0.357 | ng    | 99       |
| 23) Atrazine                  | 16.638 | 200  | 1434     | 0.355 | ng    | 99       |
| 24) Pentachlorophenol         | 16.799 | 266  | 917      | 0.322 | ng    | 97       |
| 25) Phenanthrene              | 17.184 | 178  | 5982     | 0.354 | ng    | 99       |
| 26) Anthracene                | 17.283 | 178  | 5678     | 0.348 | ng    | 99       |
| 28) Fluoranthene              | 19.213 | 202  | 8108     | 0.349 | ng    | 100      |
| 30) Pyrene                    | 19.580 | 202  | 8328     | 0.362 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.338 | 228  | 6783     | 0.360 | ng    | 98       |
| 33) Chrysene                  | 21.383 | 228  | 6561     | 0.354 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 3861     | 0.332 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.044 | 276  | 6337     | 0.356 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.965 | 252  | 6618     | 0.353 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.012 | 252  | 6342     | 0.361 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.567 | 252  | 5588     | 0.360 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.073 | 278  | 4835     | 0.352 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.772 | 276  | 5354     | 0.356 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

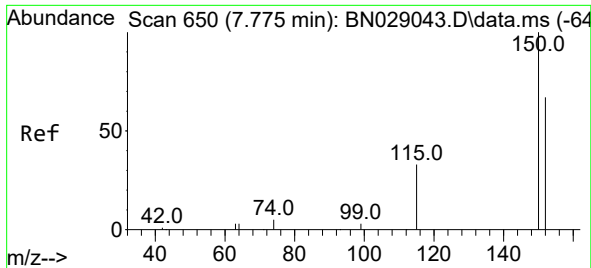
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120523\  
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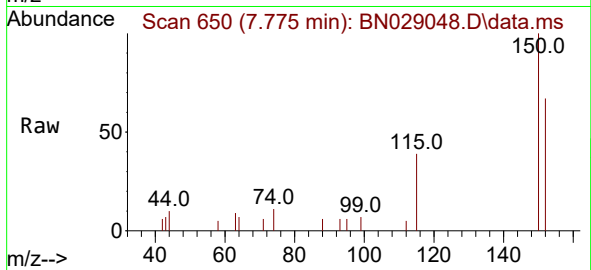
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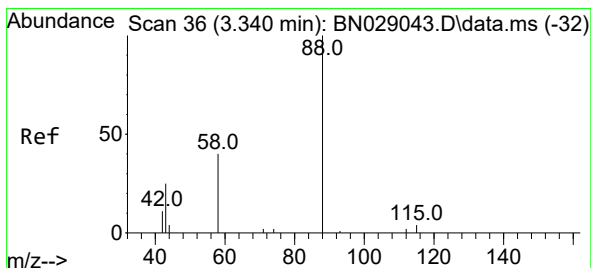
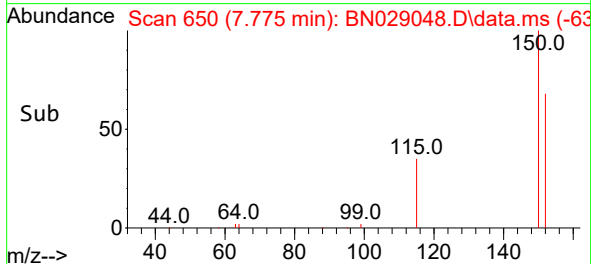
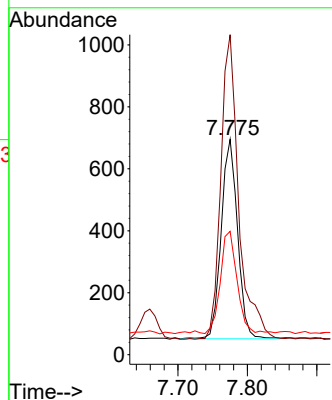
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523



Tgt Ion:152 Resp: 1057

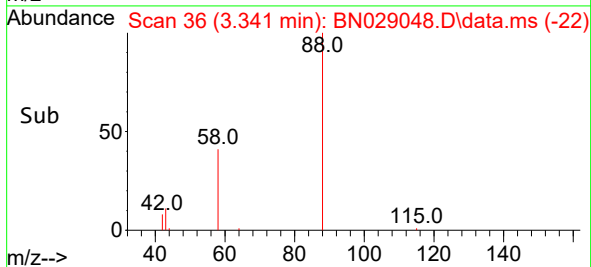
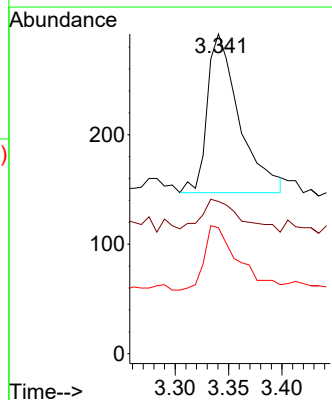
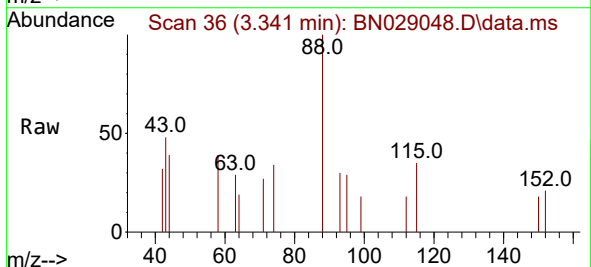
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 148.6 | 116.2 | 174.4 |
| 115 | 57.3  | 45.1  | 67.7  |

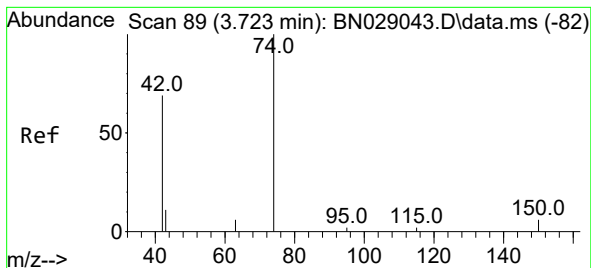


#2  
 1,4-Dioxane  
 Concen: 0.357 ng  
 RT: 3.341 min Scan# 36  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

Tgt Ion: 88 Resp: 304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 25.0  | 15.6  | 23.4  |
| 58  | 42.8  | 33.2  | 49.8  |





#3

n-Nitrosodimethylamine

Concen: 0.356 ng

RT: 3.731 min Scan# 90

Delta R.T. 0.008 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

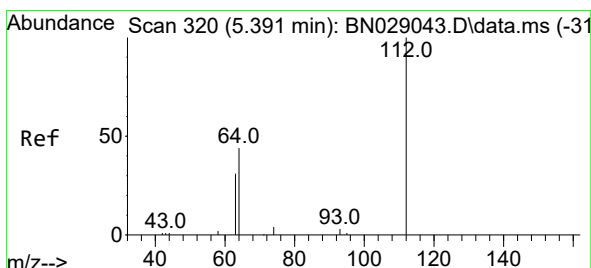
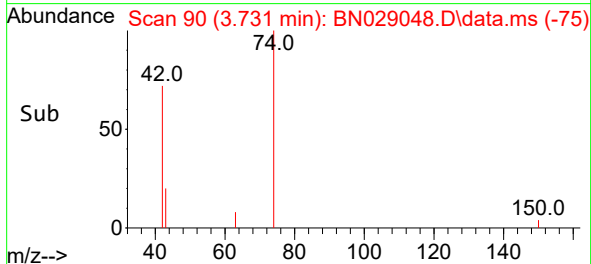
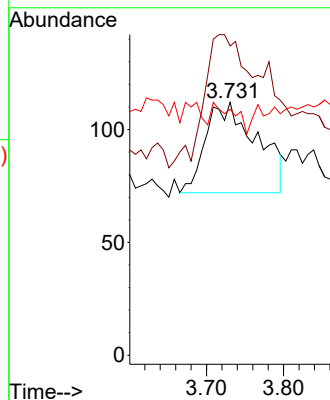
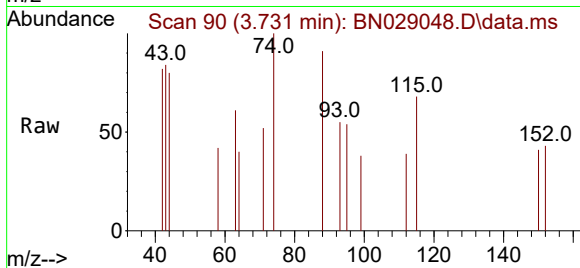
Tgt Ion: 42 Resp: 184

Ion Ratio Lower Upper

42 100

74 0.0 106.3 159.5#

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.392 min Scan# 320

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

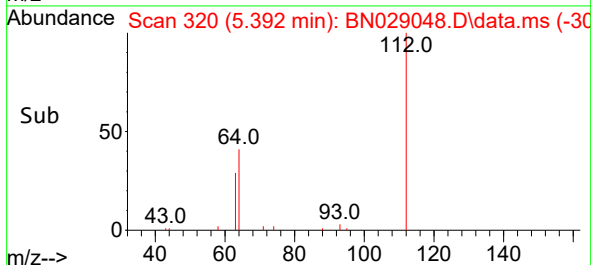
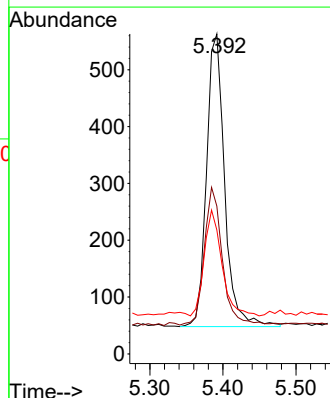
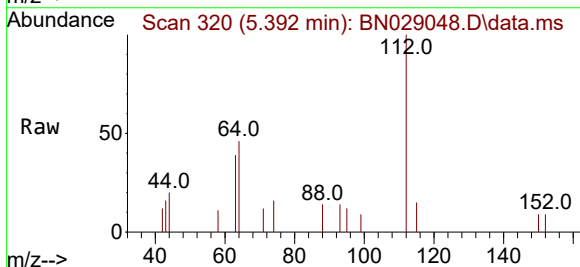
Tgt Ion: 112 Resp: 886

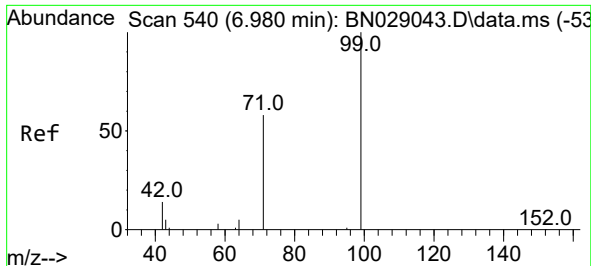
Ion Ratio Lower Upper

112 100

64 46.4 37.0 55.6

63 35.1 29.0 43.6

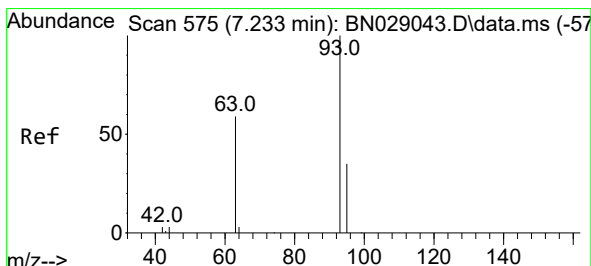
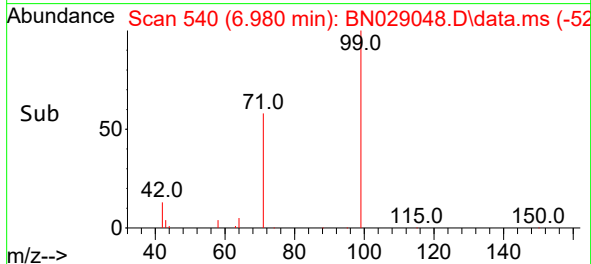
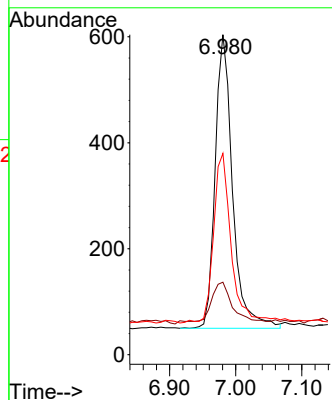
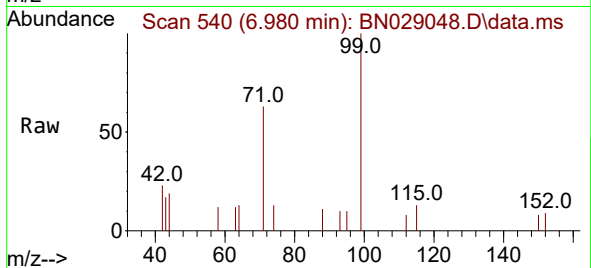




#5  
Phenol-d6  
Concen: 0.354 ng  
RT: 6.980 min Scan# 540  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

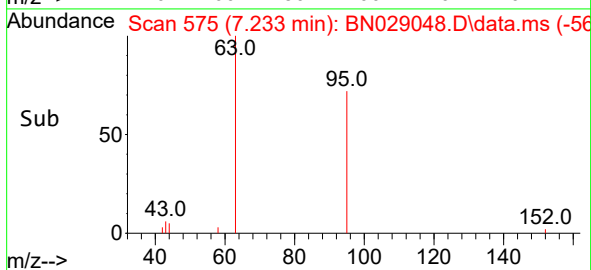
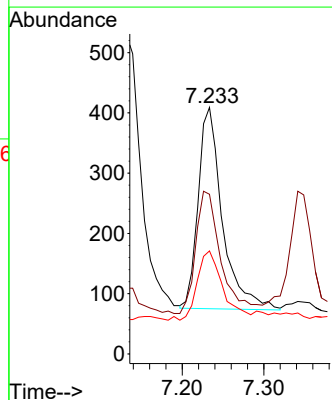
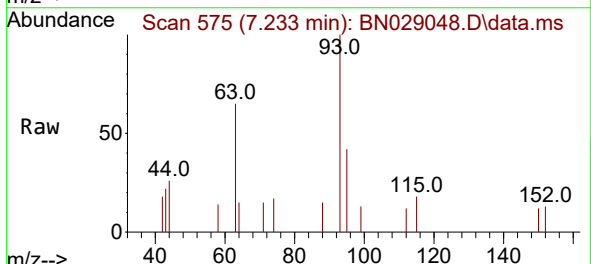
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

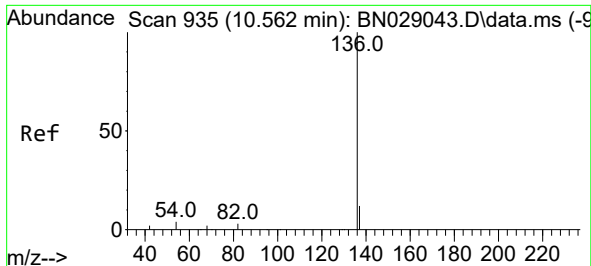
Tgt Ion: 99 Resp: 1013  
Ion Ratio Lower Upper  
99 100  
42 17.6 13.4 20.2  
71 59.8 47.8 71.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.341 ng  
RT: 7.233 min Scan# 575  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion: 93 Resp: 689  
Ion Ratio Lower Upper  
93 100  
63 63.9 48.4 72.6  
95 36.4 28.1 42.1

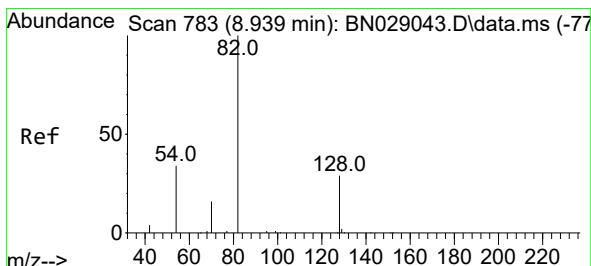
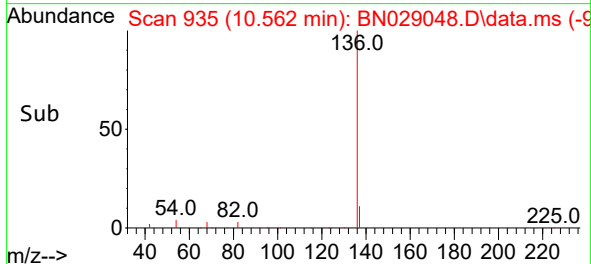
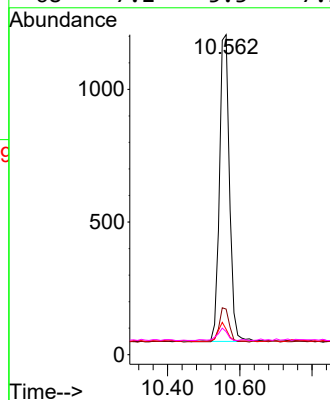
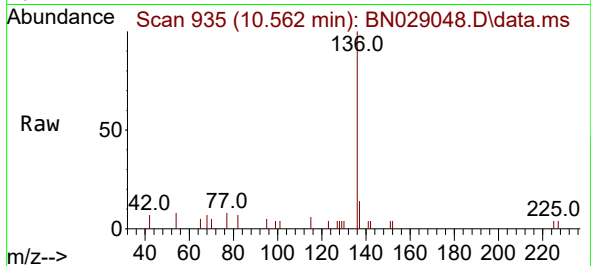




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

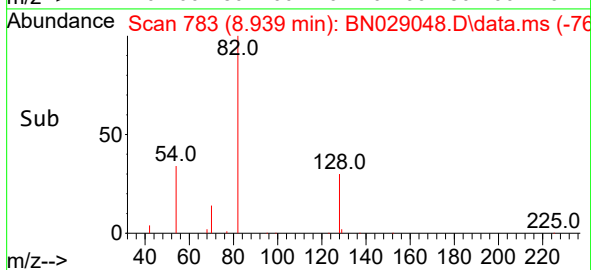
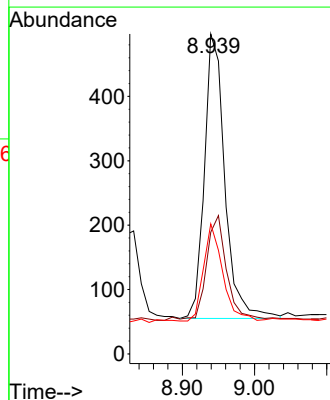
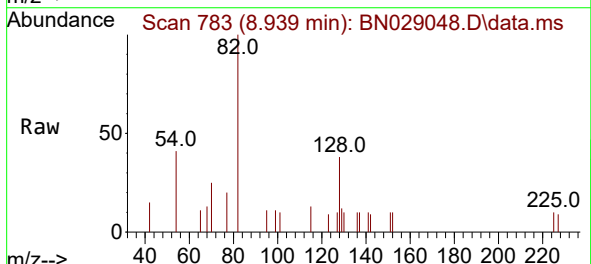
Instrument :  
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ClientSampleId :  
ICVBN120523

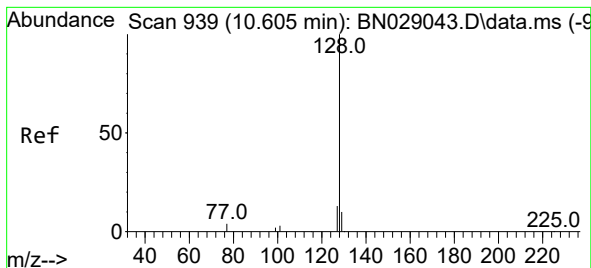
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2217  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.3  | 11.9  | 17.9  |
| 54       | 8.0   | 6.4   | 9.6   |
| 68       | 7.2   | 5.3   | 7.9   |



#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.939 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 873   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.0  | 28.2  | 42.4  |
| 54       | 40.6  | 32.1  | 48.1  |





#9

Naphthalene

Concen: 0.354 ng

RT: 10.605 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

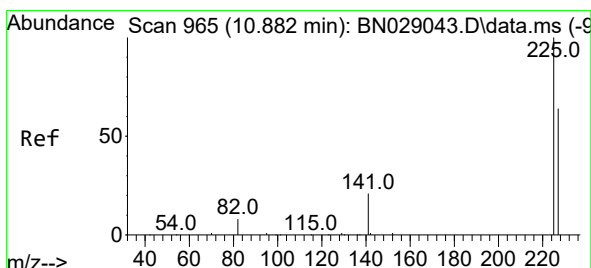
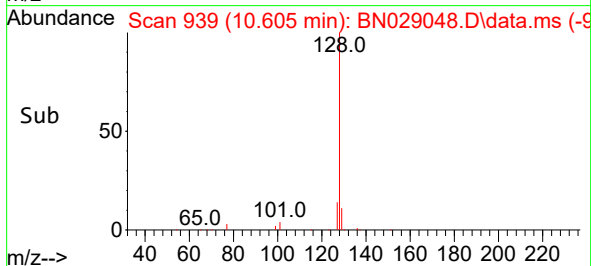
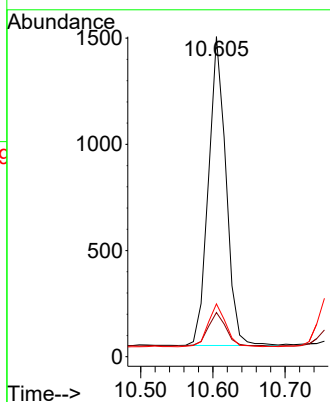
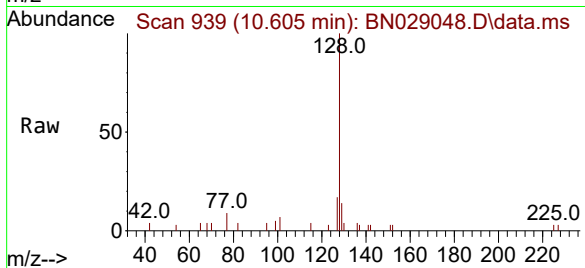
Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:128 | Resp: | 2450        |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 129         | 13.8  | 10.5 15.7   |
| 127         | 16.5  | 12.5 18.7   |



#10

Hexachlorobutadiene

Concen: 0.357 ng

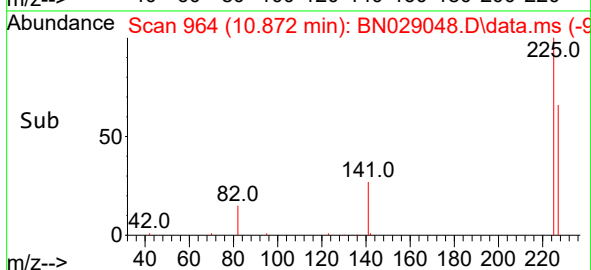
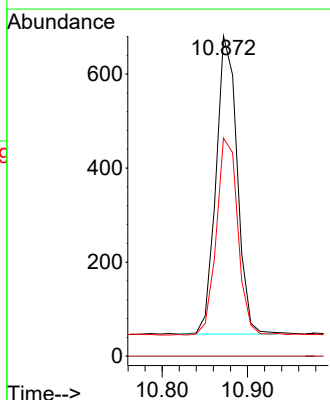
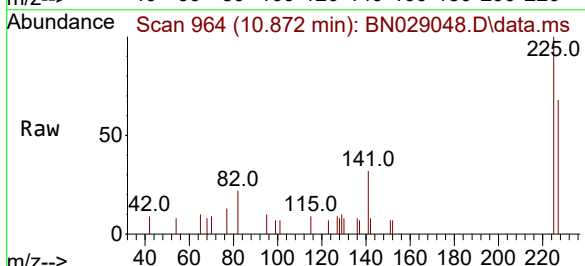
RT: 10.872 min Scan# 964

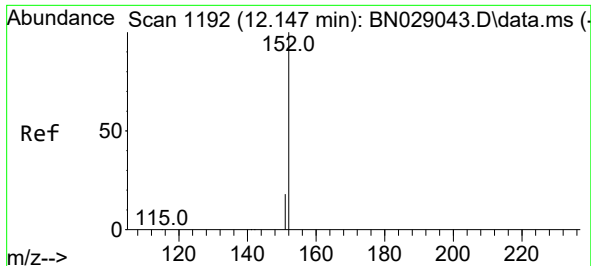
Delta R.T. -0.011 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 1090        |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 0.0   | 0.0 0.0     |
| 227         | 66.9  | 50.7 76.1   |

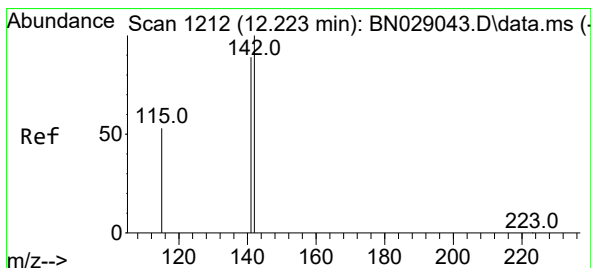
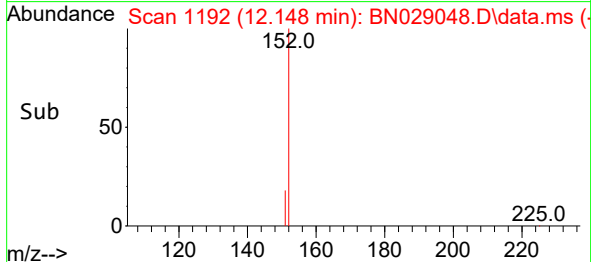
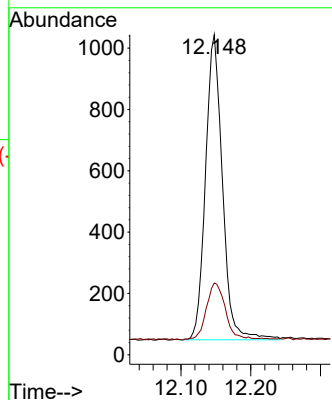
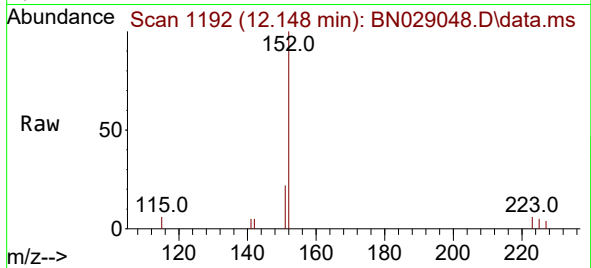




#11  
2-Methylnaphthalene-d10  
Concen: 0.360 ng  
RT: 12.148 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

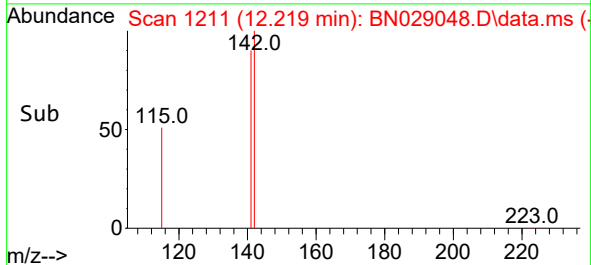
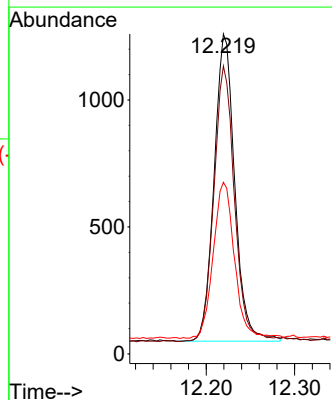
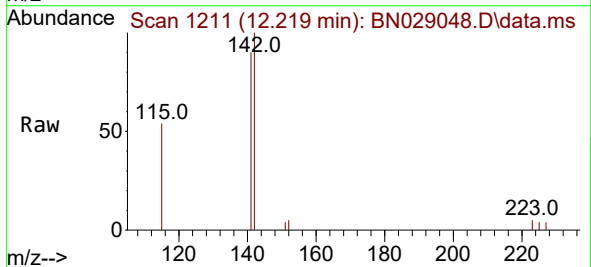
Instrument :  
BNA\_N  
ClientSampleId :  
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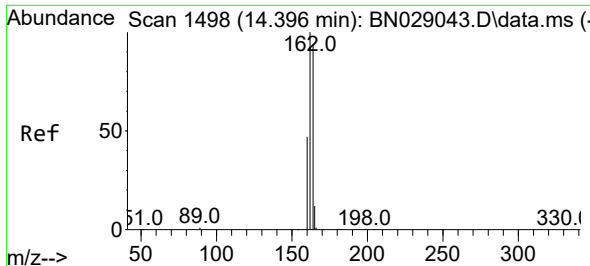
Tgt Ion:152 Resp: 1676  
Ion Ratio Lower Upper  
152 100  
151 21.3 17.4 26.0



#12  
2-Methylnaphthalene  
Concen: 0.348 ng  
RT: 12.219 min Scan# 1211  
Delta R.T. -0.004 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:142 Resp: 1959  
Ion Ratio Lower Upper  
142 100  
141 90.0 71.1 106.7  
115 53.7 44.6 66.8

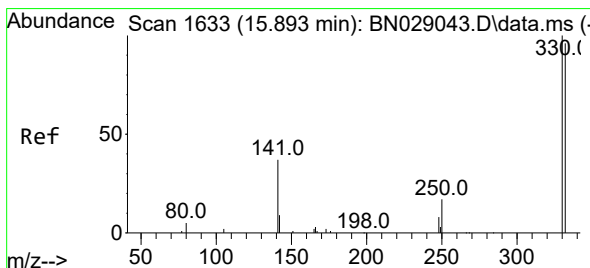
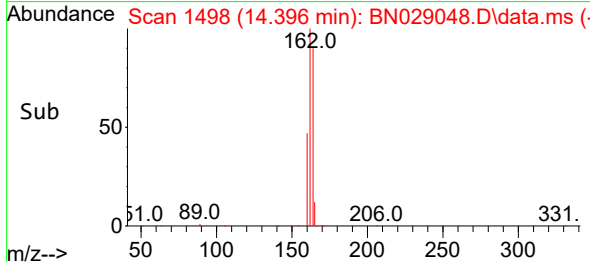
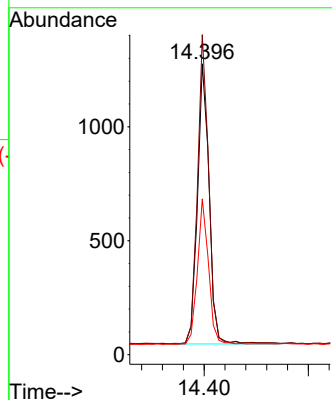
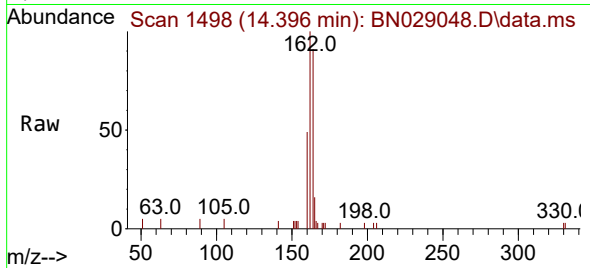




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.396 min Scan# 1498  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

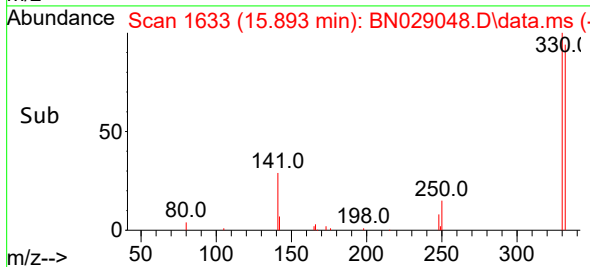
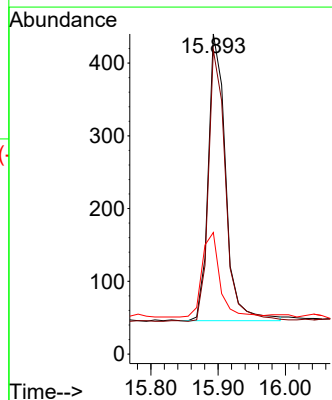
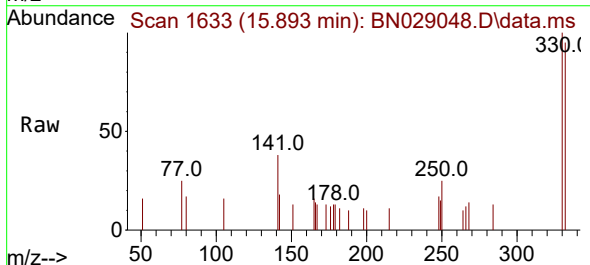
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523

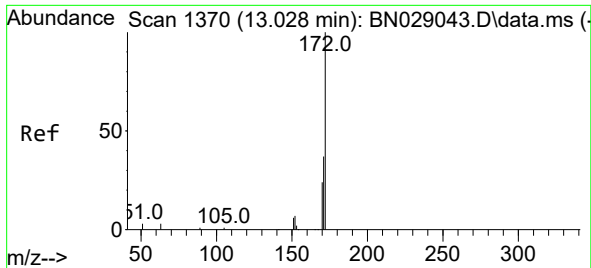
Tgt Ion:164 Resp: 1916  
 Ion Ratio Lower Upper  
 164 100  
 162 110.0 85.0 127.6  
 160 53.6 41.3 61.9



#14  
 2,4,6-Tribromophenol  
 Concen: 0.334 ng  
 RT: 15.893 min Scan# 1633  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

Tgt Ion:330 Resp: 706  
 Ion Ratio Lower Upper  
 330 100  
 332 94.1 78.8 118.2  
 141 30.2 28.7 43.1

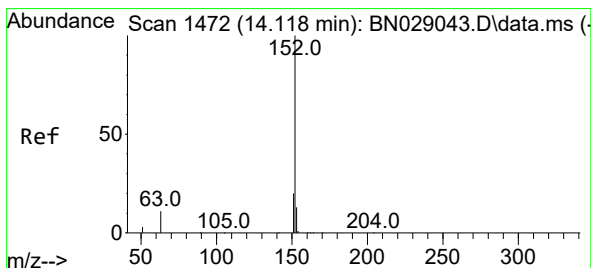
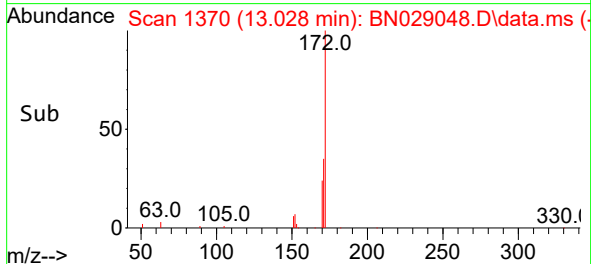
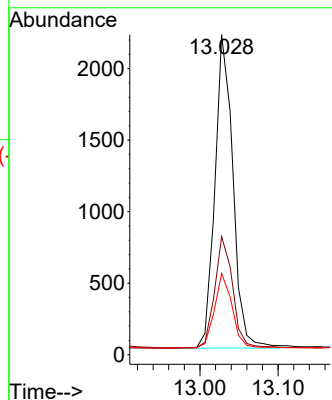
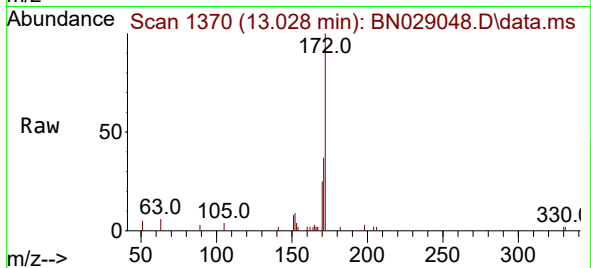




#15  
2-Fluorobiphenyl  
Concen: 0.353 ng  
RT: 13.028 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

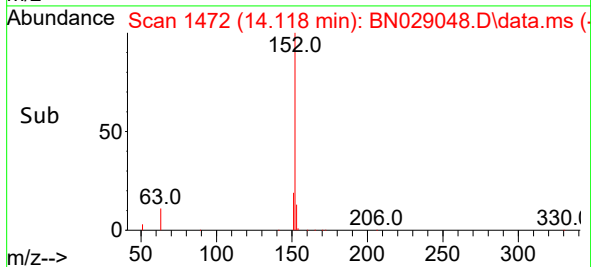
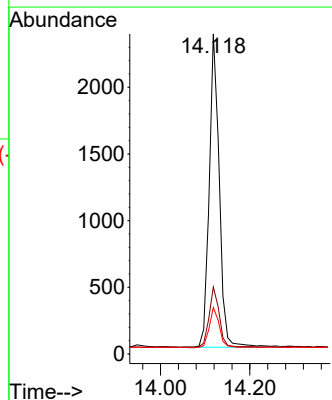
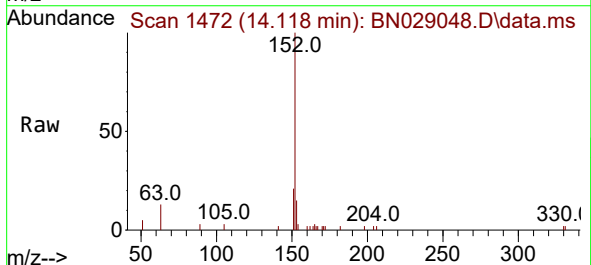
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

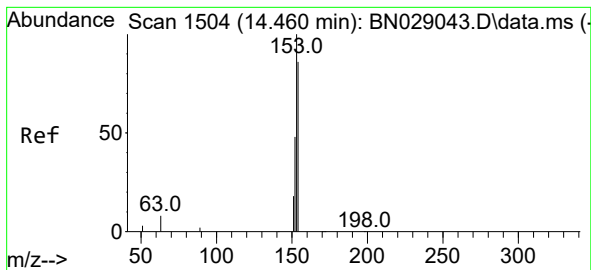
Tgt Ion:172 Resp: 3502  
Ion Ratio Lower Upper  
172 100  
171 36.9 30.1 45.1  
170 25.3 20.3 30.5



#16  
Acenaphthylene  
Concen: 0.346 ng  
RT: 14.118 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:152 Resp: 3646  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.460 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

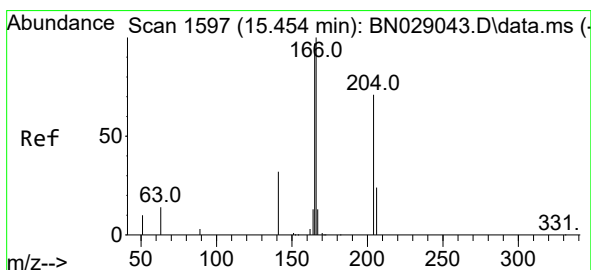
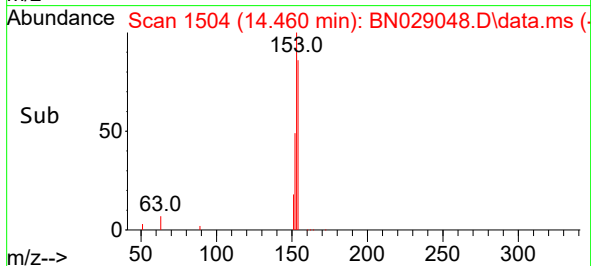
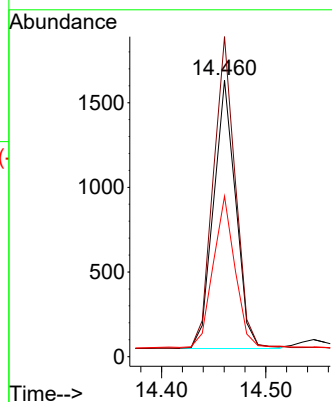
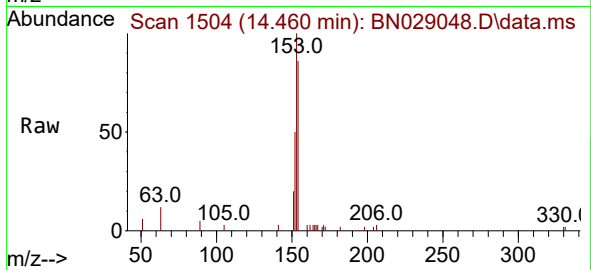
Tgt Ion:154 Resp: 2346

Ion Ratio Lower Upper

154 100

153 116.2 93.0 139.6

152 56.5 44.2 66.4



#18

Fluorene

Concen: 0.361 ng

RT: 15.455 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

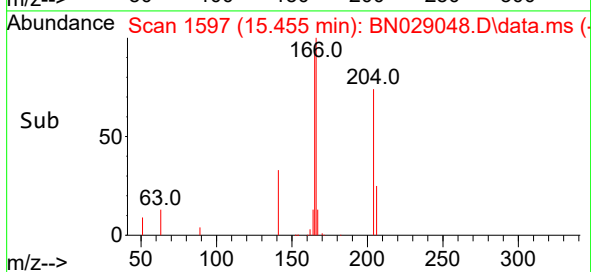
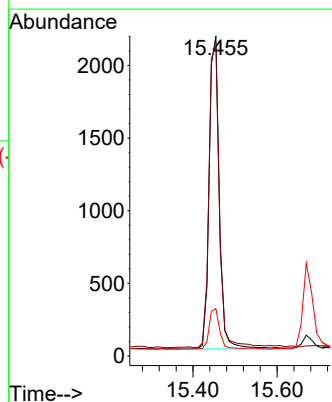
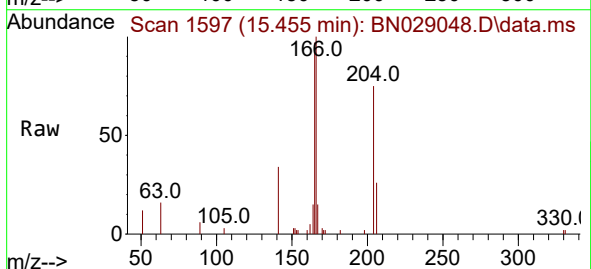
Tgt Ion:166 Resp: 3810

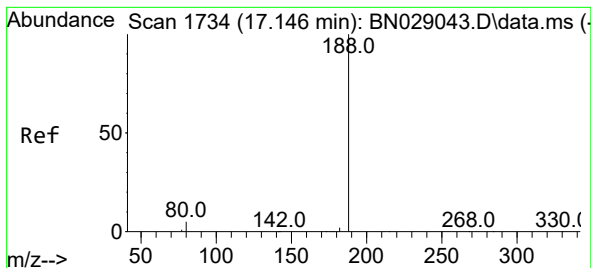
Ion Ratio Lower Upper

166 100

165 98.3 80.2 120.4

167 12.9 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.146 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

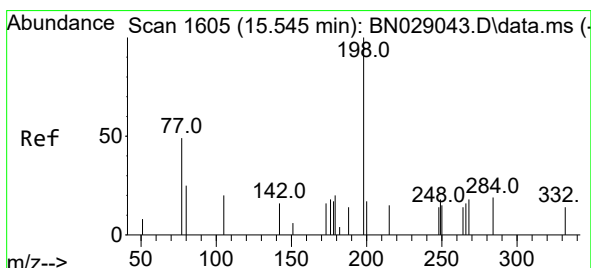
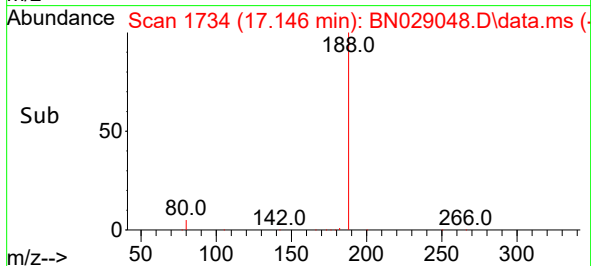
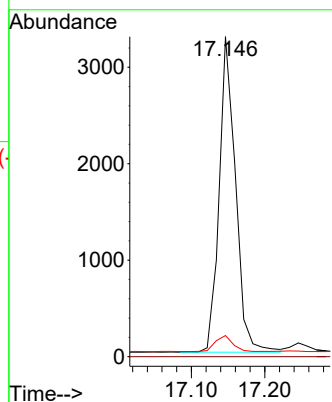
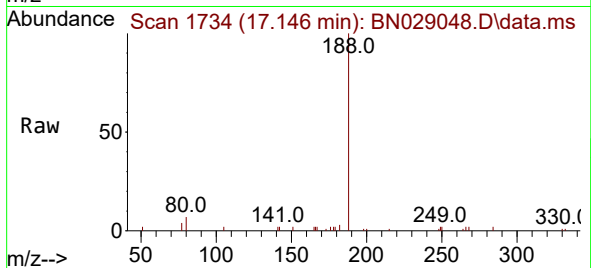
Tgt Ion:188 Resp: 5063

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 5.4 8.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.318 ng

RT: 15.545 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

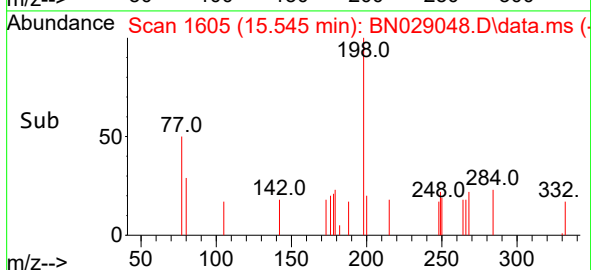
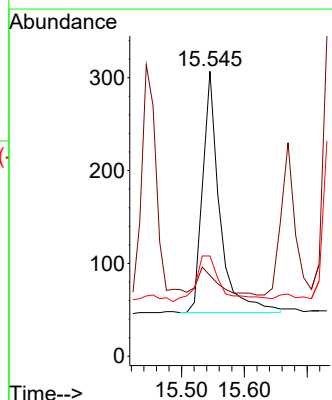
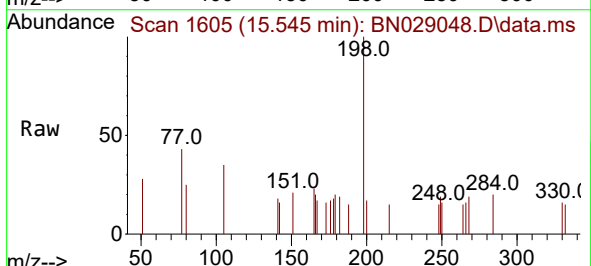
Tgt Ion:198 Resp: 486

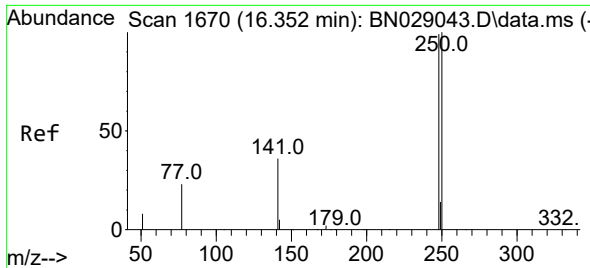
Ion Ratio Lower Upper

198 100

51 28.3 23.4 35.2

105 35.2 29.0 43.4

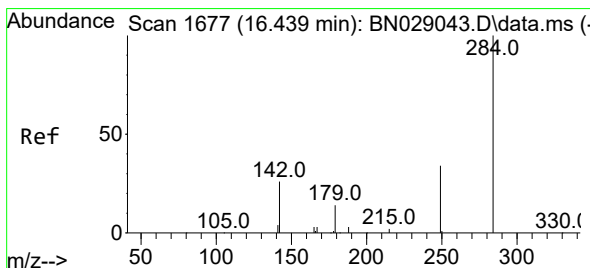
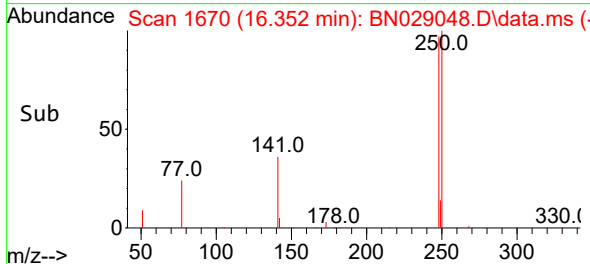
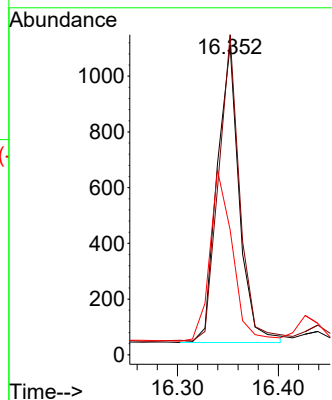
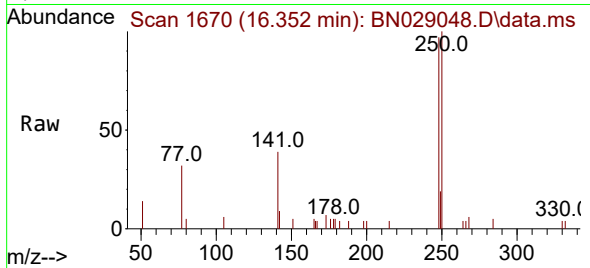




#21  
4-Bromophenyl-phenylether  
Concen: 0.356 ng  
RT: 16.352 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

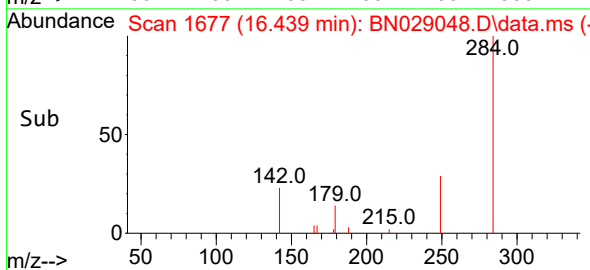
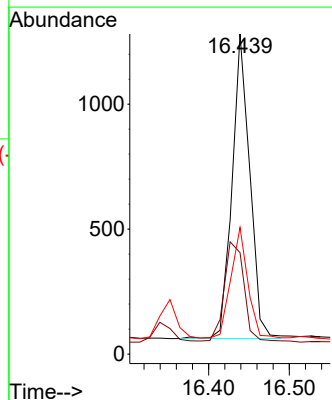
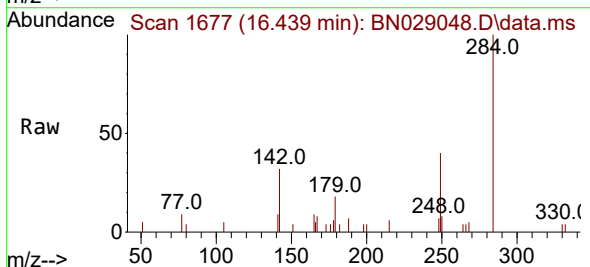
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

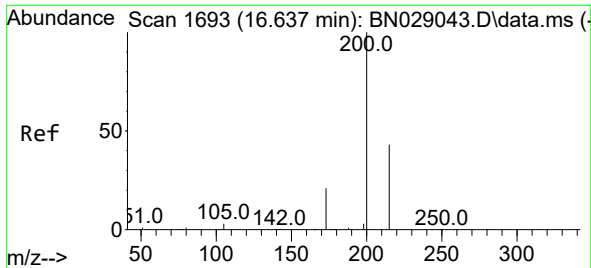
Tgt Ion:248 Resp: 1630  
Ion Ratio Lower Upper  
248 100  
250 103.4 81.3 121.9  
141 40.4 31.2 46.8



#22  
Hexachlorobenzene  
Concen: 0.357 ng  
RT: 16.439 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:284 Resp: 1860  
Ion Ratio Lower Upper  
284 100  
142 35.7 28.0 42.0  
249 34.6 27.8 41.8

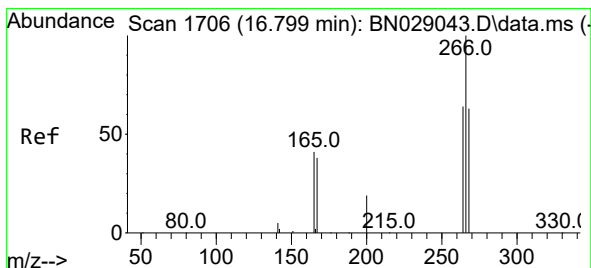
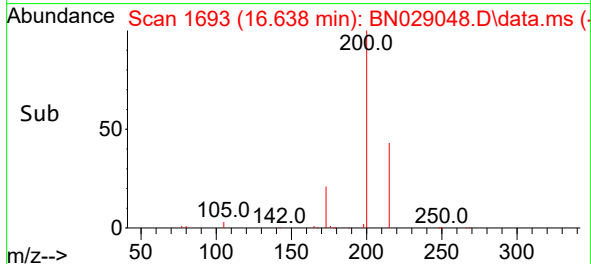
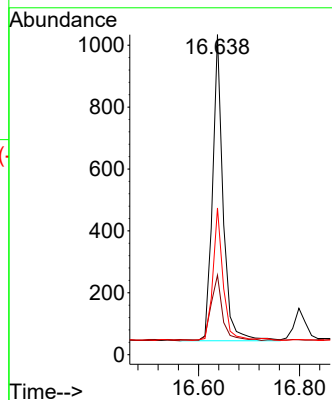
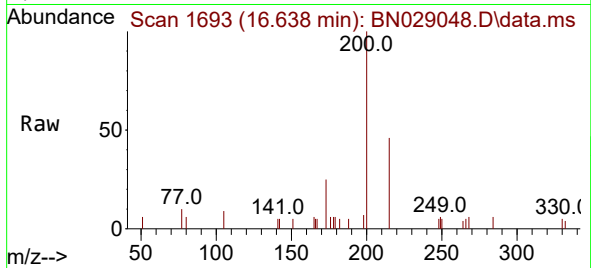




#23  
 Atrazine  
 Concen: 0.355 ng  
 RT: 16.638 min Scan# 1693  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

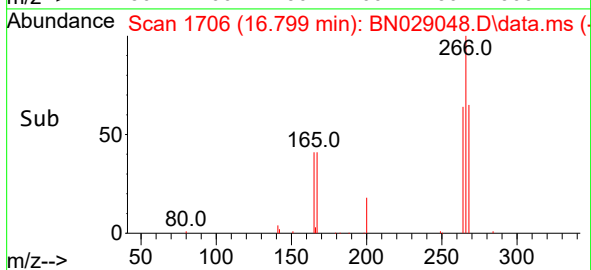
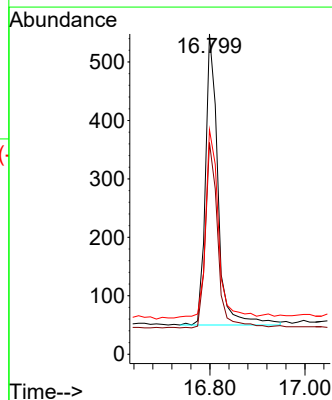
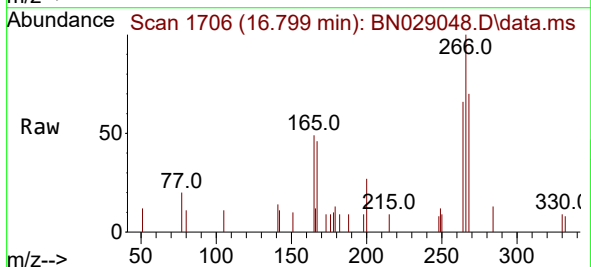
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523

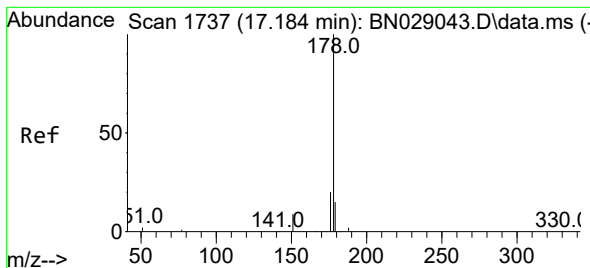
Tgt Ion:200 Resp: 1434  
 Ion Ratio Lower Upper  
 200 100  
 173 24.9 19.3 28.9  
 215 45.8 36.1 54.1



#24  
 Pentachlorophenol  
 Concen: 0.322 ng  
 RT: 16.799 min Scan# 1706  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

Tgt Ion:266 Resp: 917  
 Ion Ratio Lower Upper  
 266 100  
 264 62.5 50.7 76.1  
 268 65.5 49.5 74.3





#25

Phenanthrene

Concen: 0.354 ng

RT: 17.184 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

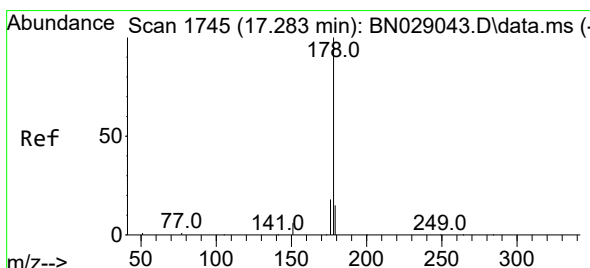
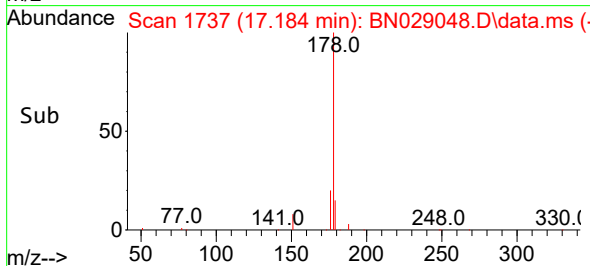
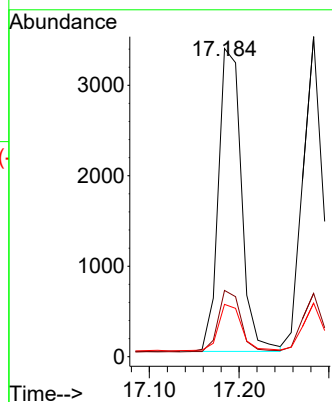
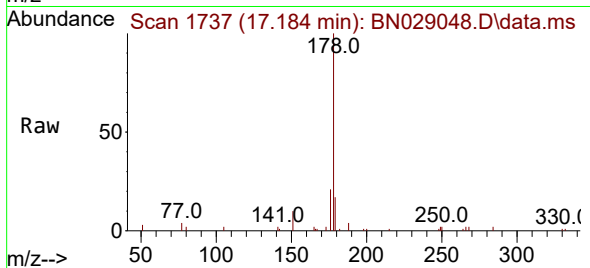
Tgt Ion:178 Resp: 5982

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 15.7 12.6 18.8



#26

Anthracene

Concen: 0.348 ng

RT: 17.283 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

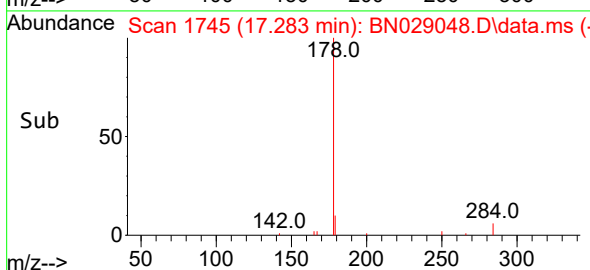
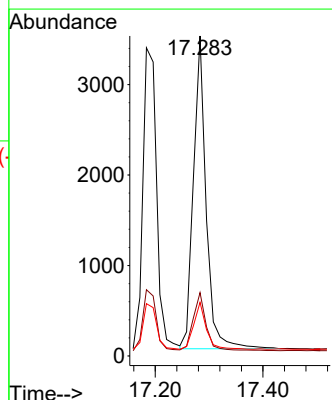
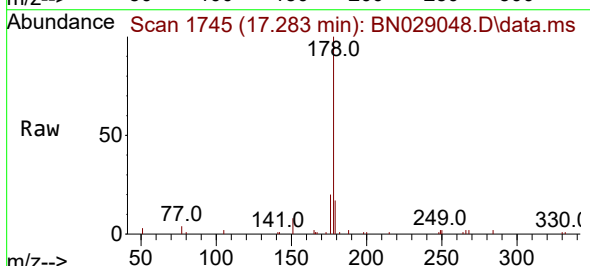
Tgt Ion:178 Resp: 5678

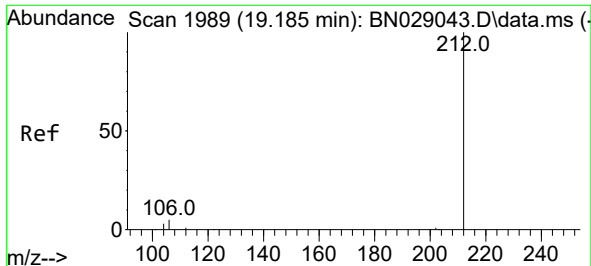
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 14.6 12.6 19.0

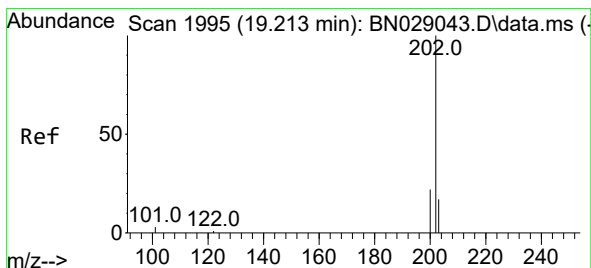
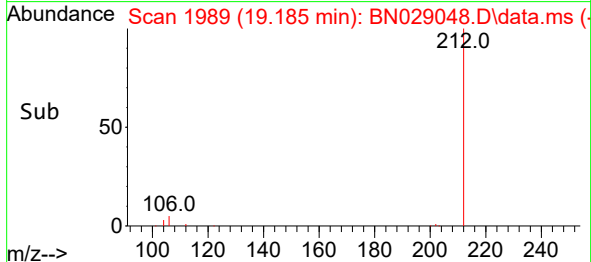
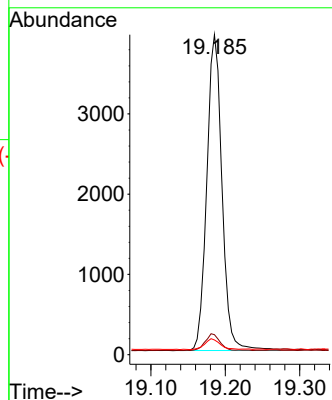
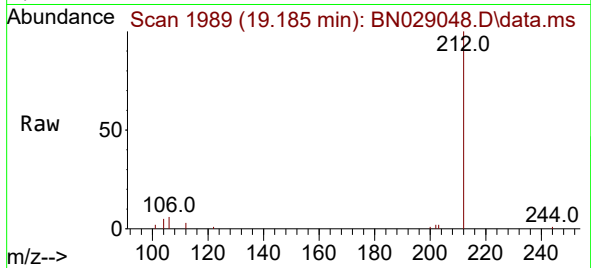




#27  
Fluoranthene-d10  
Concen: 0.352 ng  
RT: 19.185 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

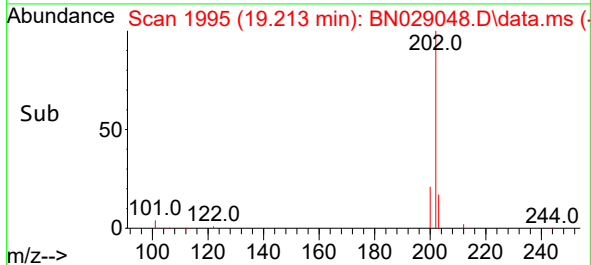
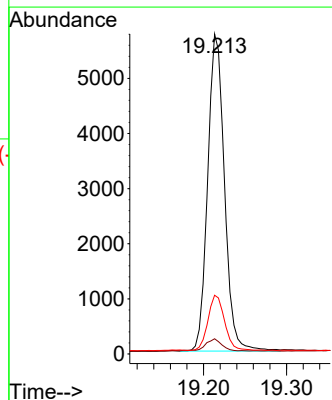
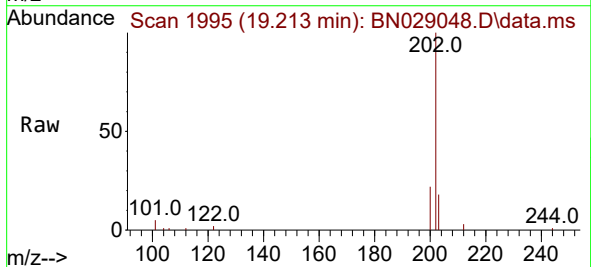
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

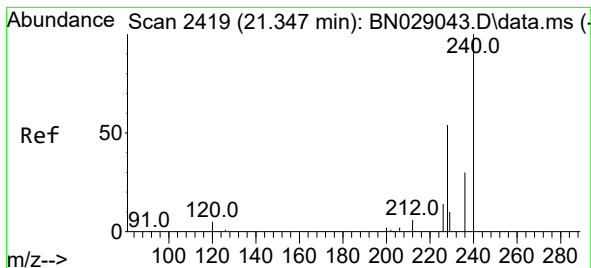
Tgt Ion:212 Resp: 5605  
Ion Ratio Lower Upper  
212 100  
106 5.2 3.9 5.9  
104 3.4 2.6 3.8



#28  
Fluoranthene  
Concen: 0.349 ng  
RT: 19.213 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:202 Resp: 8108  
Ion Ratio Lower Upper  
202 100  
101 4.1 3.0 4.6  
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

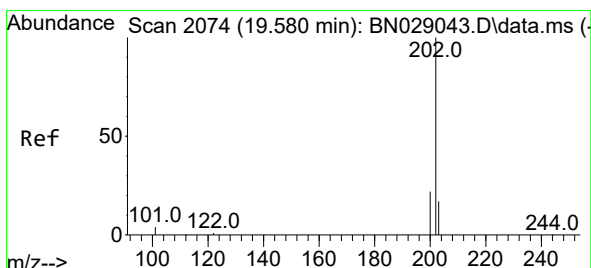
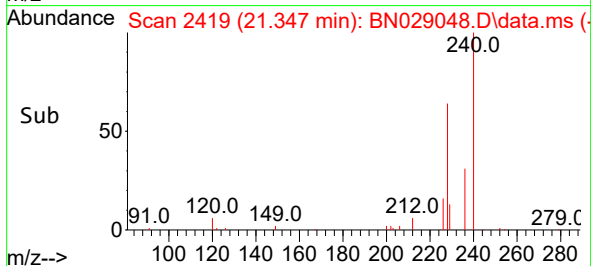
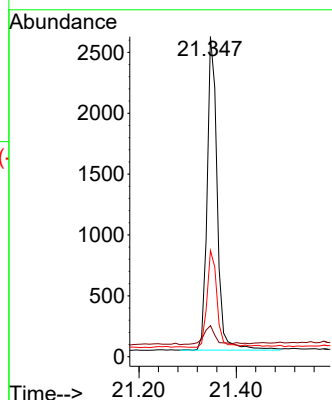
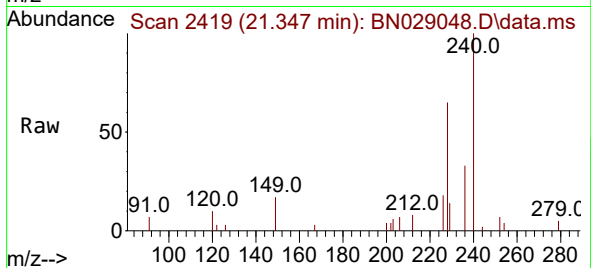
Tgt Ion:240 Resp: 3716

Ion Ratio Lower Upper

240 100

120 9.7 6.7 10.1

236 33.2 25.7 38.5



#30

Pyrene

Concen: 0.362 ng

RT: 19.580 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

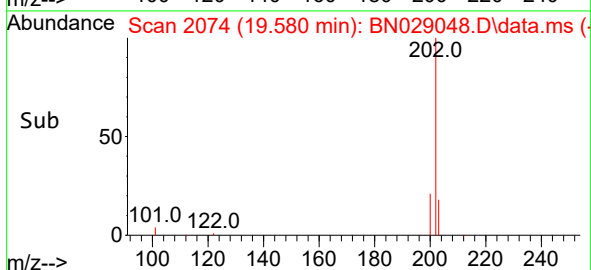
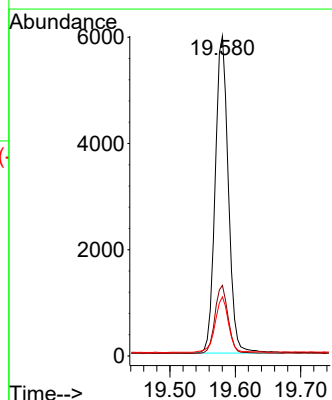
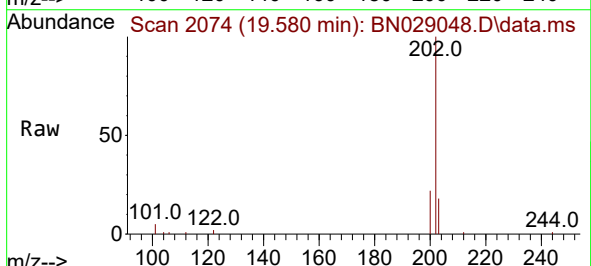
Tgt Ion:202 Resp: 8328

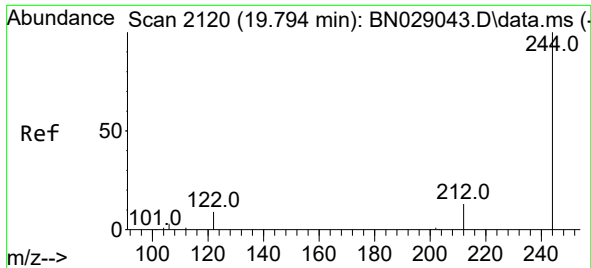
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.8 14.2 21.4

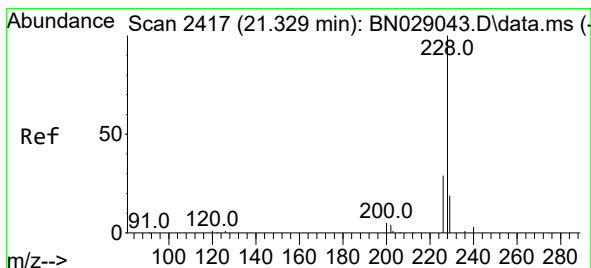
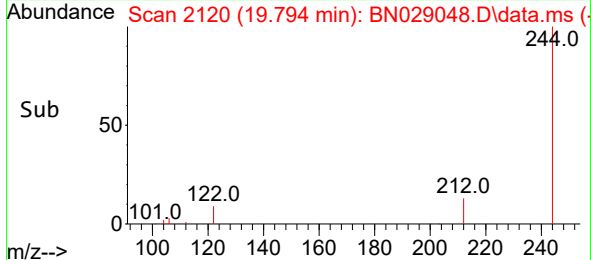
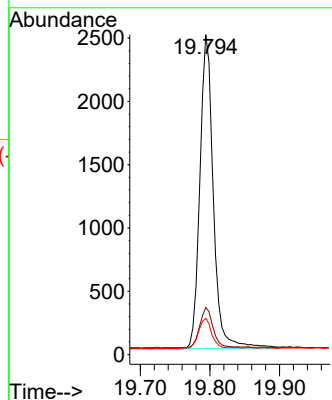
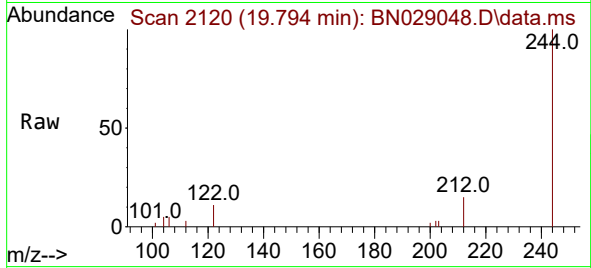




#31  
 Terphenyl-d14  
 Concen: 0.357 ng  
 RT: 19.794 min Scan# 2120  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

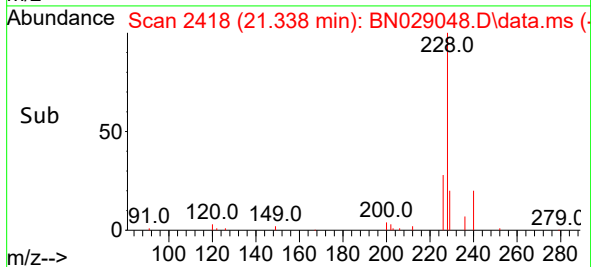
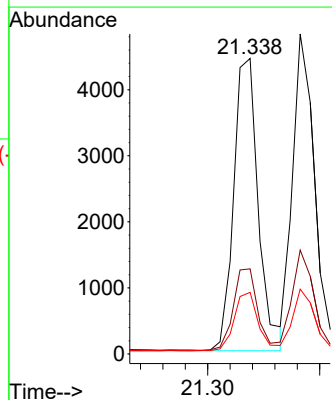
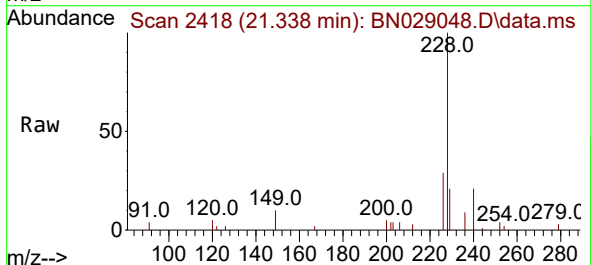
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523

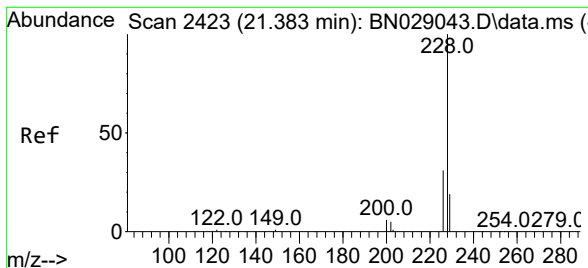
Tgt Ion:244 Resp: 3355  
 Ion Ratio Lower Upper  
 244 100  
 212 14.8 11.6 17.4  
 122 11.4 8.2 12.4



#32  
 Benzo(a)anthracene  
 Concen: 0.360 ng  
 RT: 21.338 min Scan# 2418  
 Delta R.T. 0.009 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

Tgt Ion:228 Resp: 6783  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 23.8 35.6  
 229 20.9 16.0 24.0





#33

Chrysene

Concen: 0.354 ng

RT: 21.383 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523

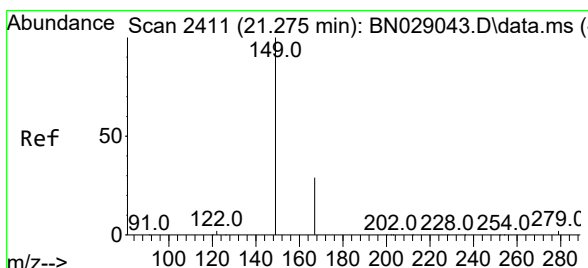
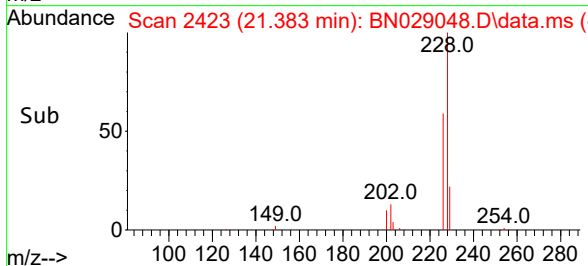
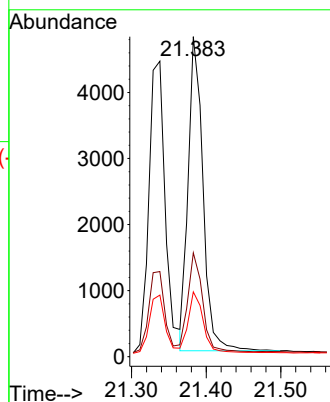
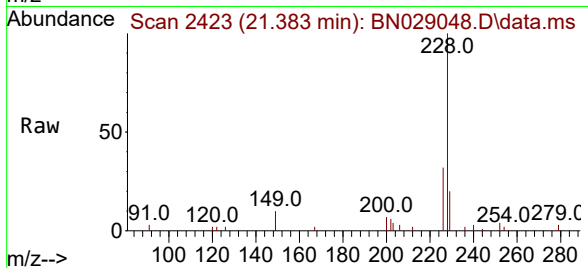
Tgt Ion:228 Resp: 6561

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

229 20.3 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.332 ng

RT: 21.275 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BN029048.D

Acq: 05 Dec 2023 23:02

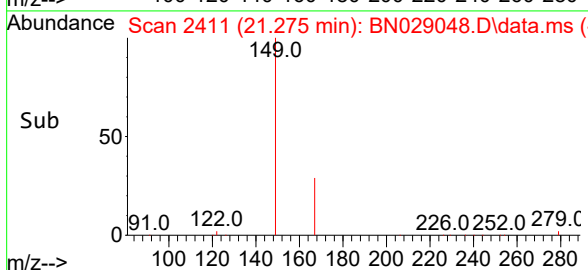
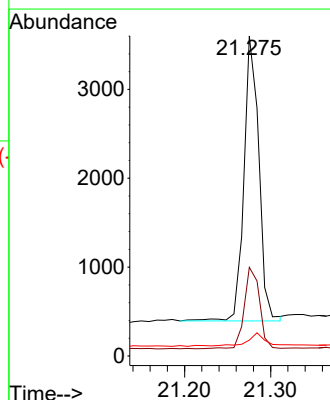
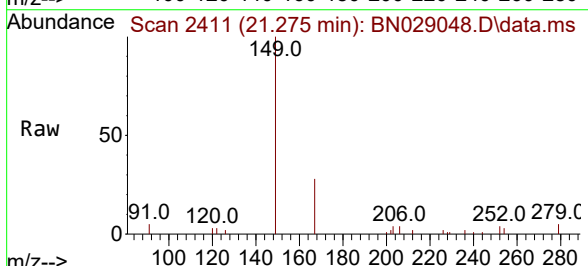
Tgt Ion:149 Resp: 3861

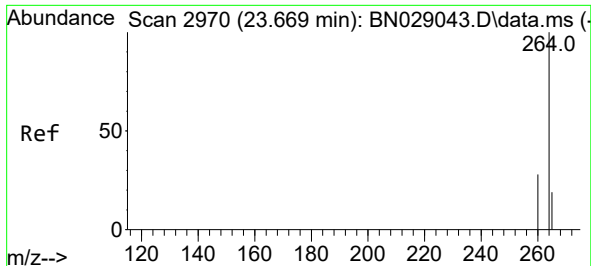
Ion Ratio Lower Upper

149 100

167 29.6 23.4 35.2

279 6.2 3.4 5.2#

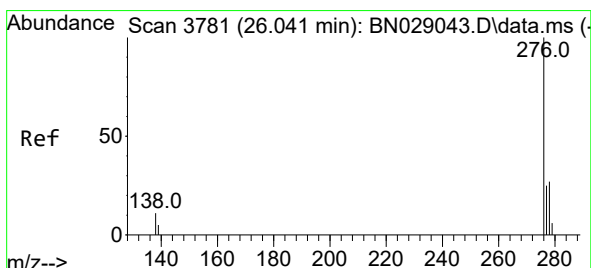
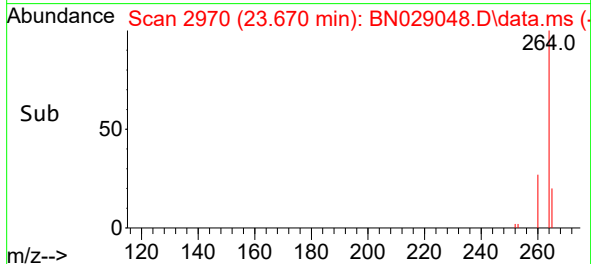
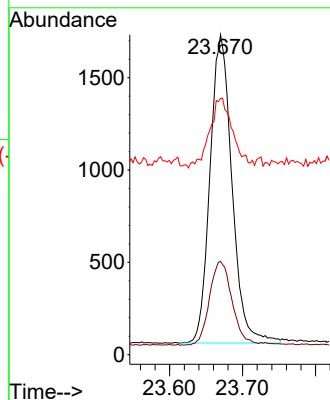
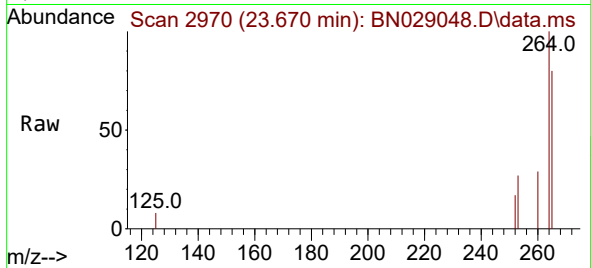




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.670 min Scan# 2970  
 Delta R.T. 0.000 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

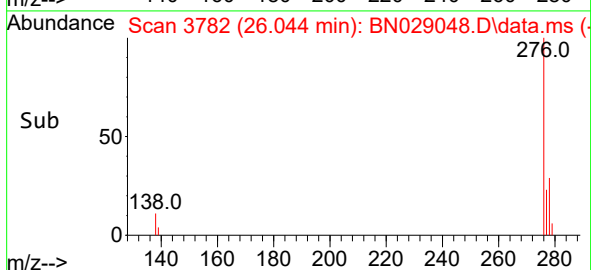
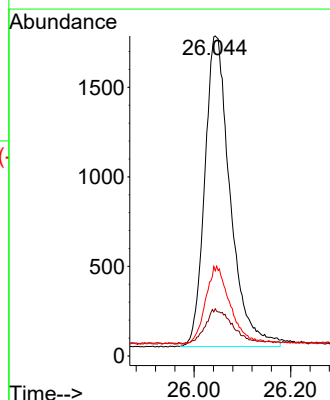
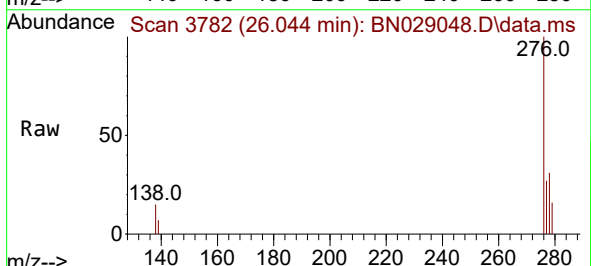
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN120523

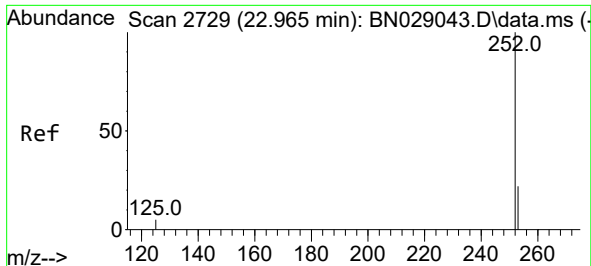
Tgt Ion:264 Resp: 3492  
 Ion Ratio Lower Upper  
 264 100  
 260 29.1 23.9 35.9  
 265 80.0 52.7 79.1#



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.356 ng  
 RT: 26.044 min Scan# 3782  
 Delta R.T. 0.003 min  
 Lab File: BN029048.D  
 Acq: 05 Dec 2023 23:02

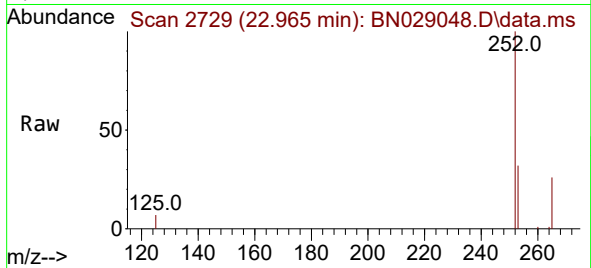
Tgt Ion:276 Resp: 6337  
 Ion Ratio Lower Upper  
 276 100  
 138 11.7 9.6 14.4  
 277 24.1 19.4 29.0



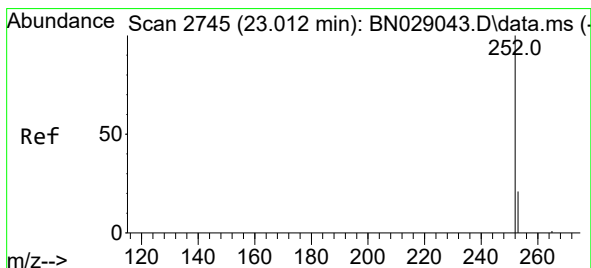
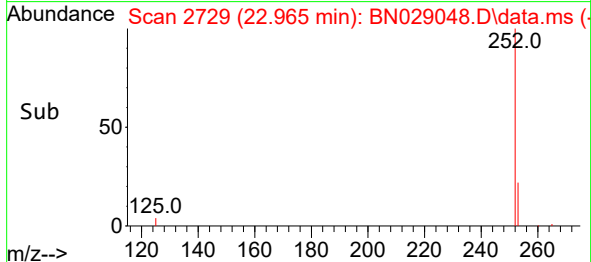
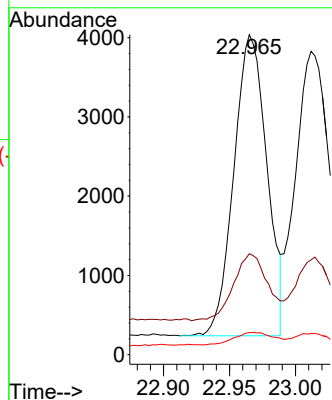


#37  
Benzo(b)fluoranthene  
Concen: 0.353 ng  
RT: 22.965 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

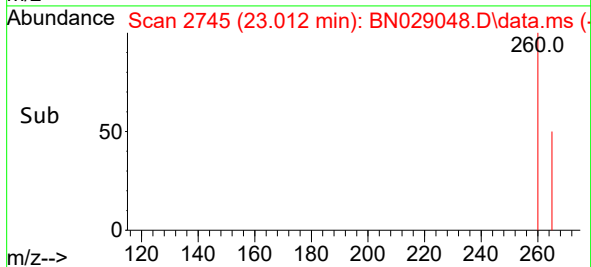
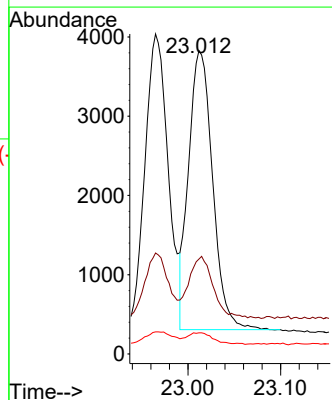
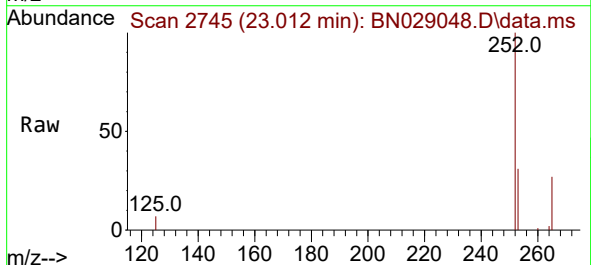


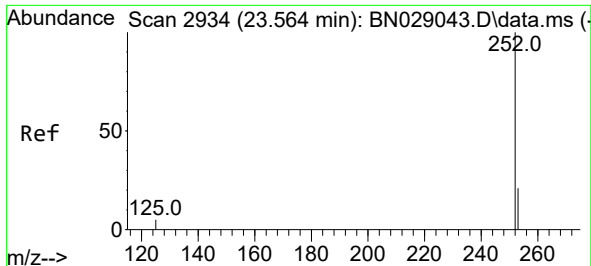
Tgt Ion:252 Resp: 6618  
Ion Ratio Lower Upper  
252 100  
253 31.6 23.0 34.6  
125 6.9 5.4 8.0



#38  
Benzo(k)fluoranthene  
Concen: 0.361 ng  
RT: 23.012 min Scan# 2745  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:252 Resp: 6342  
Ion Ratio Lower Upper  
252 100  
253 31.3 23.0 34.4  
125 7.0 5.0 7.6

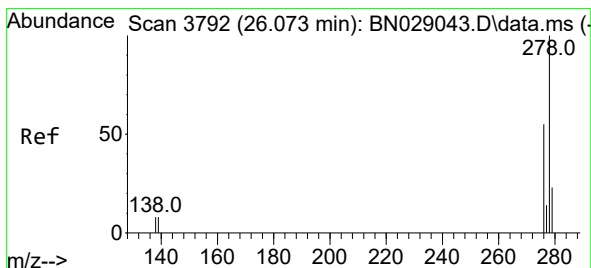
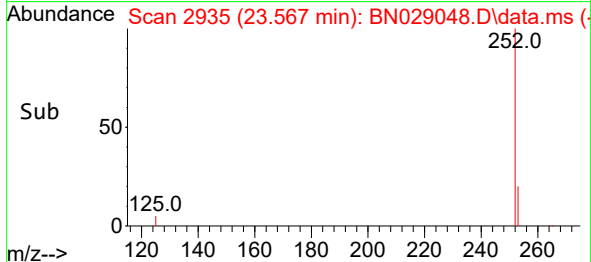
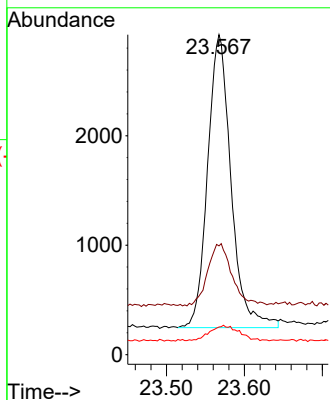
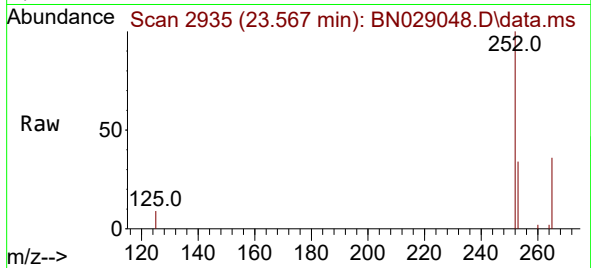




#39  
Benzo(a)pyrene  
Concen: 0.360 ng  
RT: 23.567 min Scan# 2935  
Delta R.T. 0.003 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

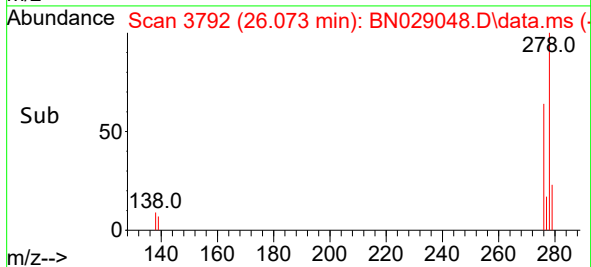
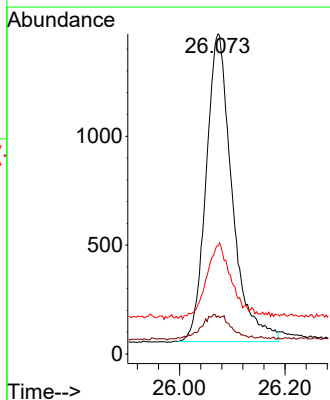
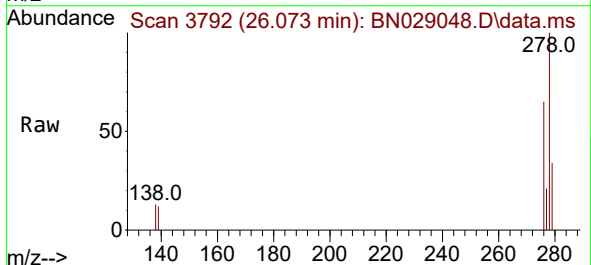
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN120523

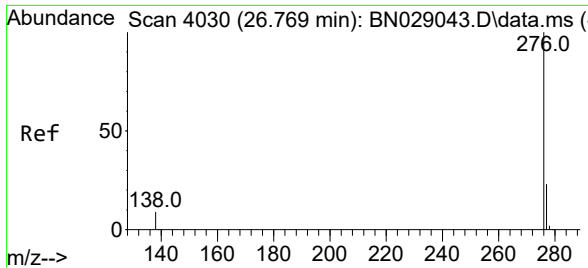
Tgt Ion:252 Resp: 5588  
Ion Ratio Lower Upper  
252 100  
253 34.0 25.3 37.9  
125 8.7 6.5 9.7



#40  
Dibenzo(a,h)anthracene  
Concen: 0.352 ng  
RT: 26.073 min Scan# 3792  
Delta R.T. 0.000 min  
Lab File: BN029048.D  
Acq: 05 Dec 2023 23:02

Tgt Ion:278 Resp: 4835  
Ion Ratio Lower Upper  
278 100  
139 11.9 9.4 14.2  
279 33.8 24.2 36.4





#41

Benzo(g,h,i)perylene

Concen: 0.356 ng

RT: 26.772 min Scan# 40

Delta R.T. 0.003 min

Lab File: BN029048.D

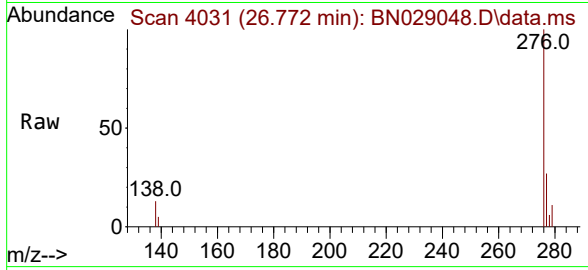
Acq: 05 Dec 2023 23:02

Instrument :

BNA\_N

ClientSampleId :

ICVBN120523



Tgt Ion:276 Resp: 5354

Ion Ratio Lower Upper

276 100

277 26.5 20.3 30.5

138 13.2 9.2 13.8

