

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022324\  
 Data File : BN029968.D  
 Acq On : 23 Feb 2024 22:03  
 Operator : MA/JU  
 Sample : P1507-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20240214

Quant Time: Feb 24 02:23:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 23:52:05 2024  
 Response via : Initial Calibration

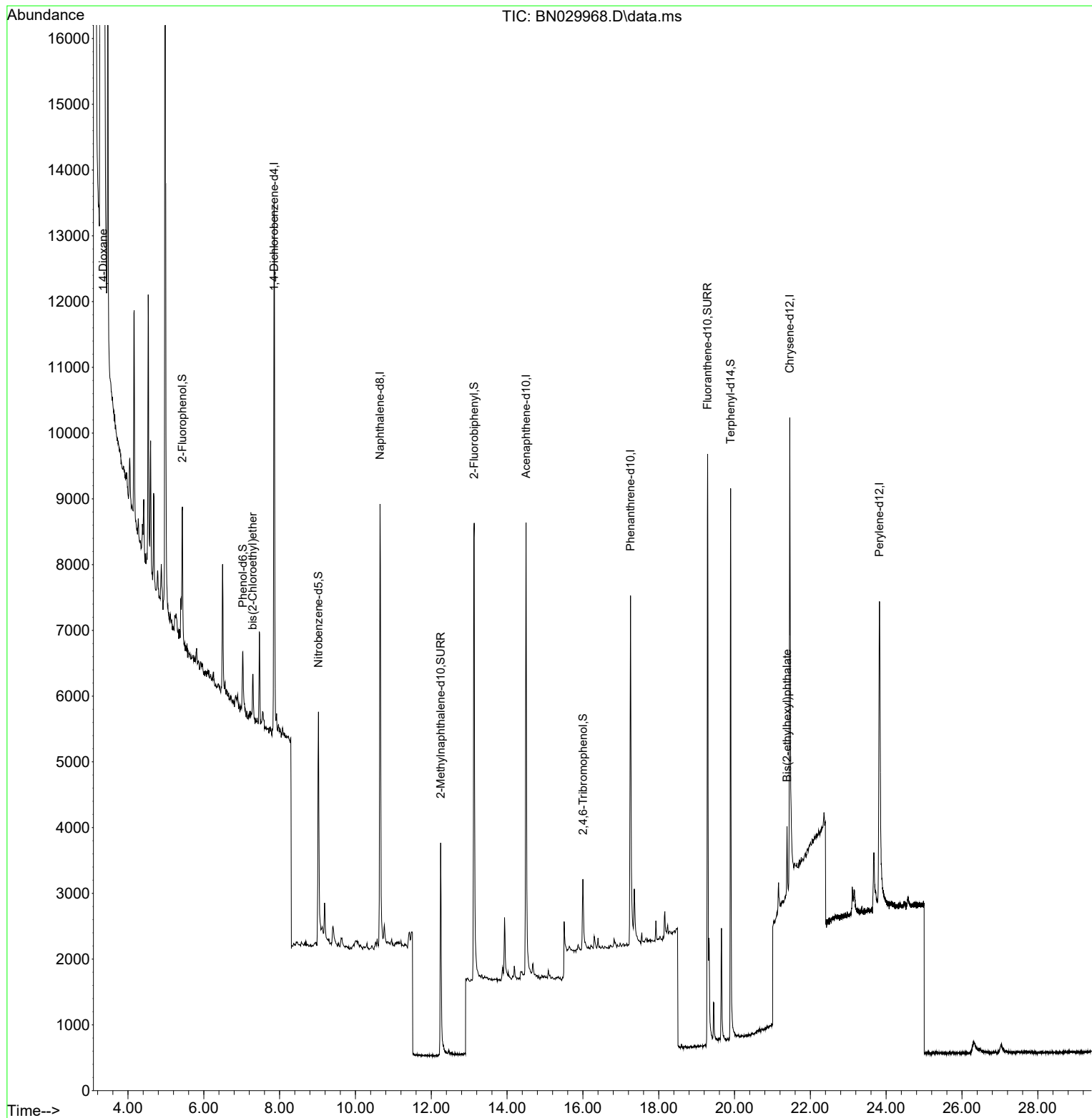
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3935     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.648 | 136  | 10235    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.500 | 164  | 4709     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.255 | 188  | 9215     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.456 | 240  | 8875     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.823 | 264  | 8575     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 1682     | 0.178 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 1066     | 0.098 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 3660     | 0.430 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.249 | 152  | 5441     | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 742      | 0.491 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.132 | 172  | 7868     | 0.389 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.289 | 212  | 11957    | 0.536 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.898 | 244  | 9321     | 0.423 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.348  | 88   | 31795    | 5.739 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.291  | 93   | 511      | 0.049 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 1150     | 0.056 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

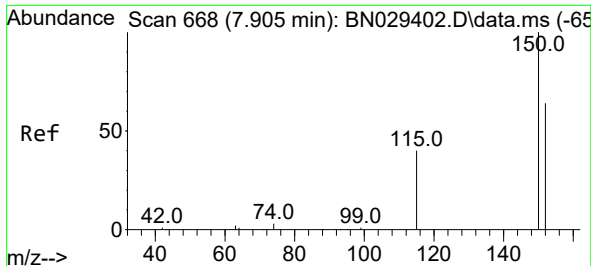
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022324\  
Data File : BN029968.D  
Acq On : 23 Feb 2024 22:03  
Operator : MA/JU  
Sample : P1507-09  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RE132D6-20240214

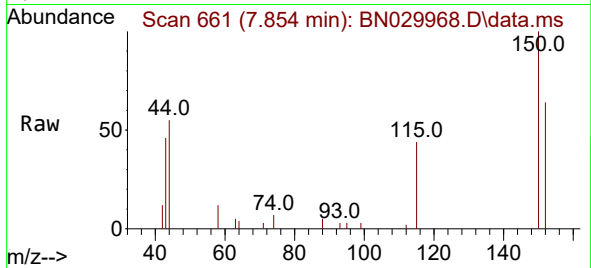
Quant Time: Feb 24 02:23:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 16 23:52:05 2024  
Response via : Initial Calibration



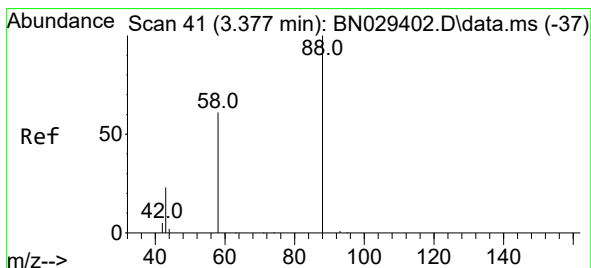
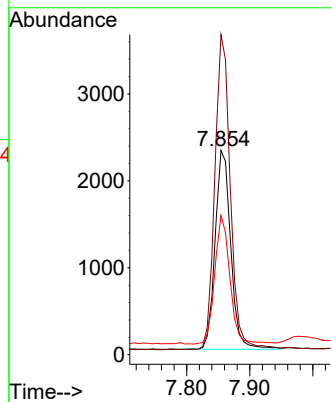
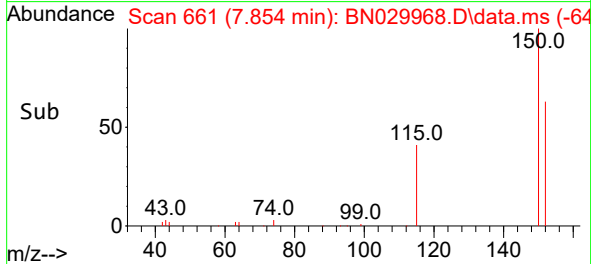


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 61  
 Delta R.T. -0.015 min  
 Lab File: BN029968.D  
 Acq: 23 Feb 2024 22:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20240214

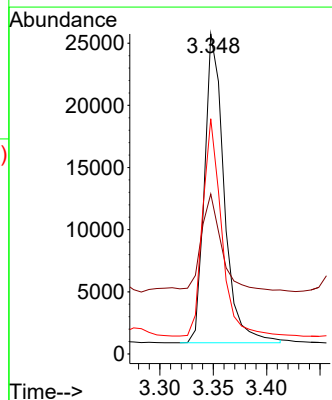
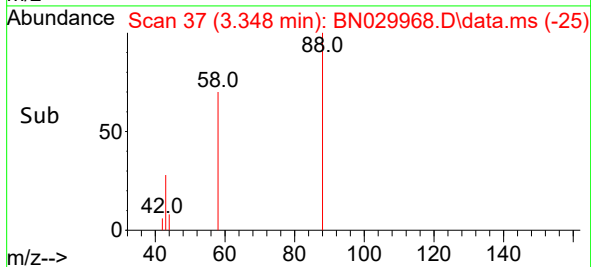
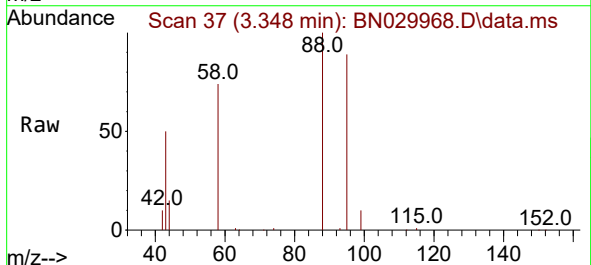


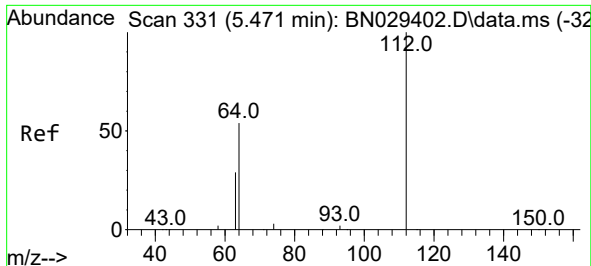
Tgt Ion:152 Resp: 3935  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 123.0 184.4  
 115 68.3 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 5.739 ng  
 RT: 3.348 min Scan# 37  
 Delta R.T. -0.015 min  
 Lab File: BN029968.D  
 Acq: 23 Feb 2024 22:03

Tgt Ion: 88 Resp: 31795  
 Ion Ratio Lower Upper  
 88 100  
 43 35.1 23.3 34.9#  
 58 67.7 53.8 80.6





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.435 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029968.D

Acq: 23 Feb 2024 22:03

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20240214

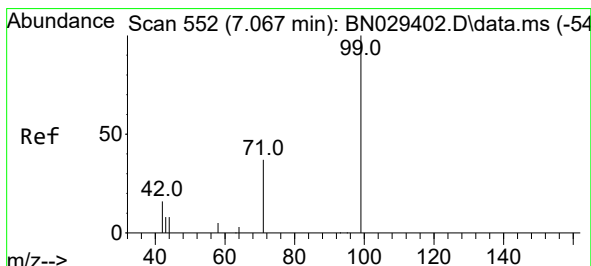
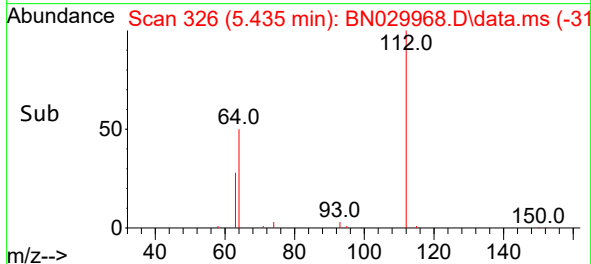
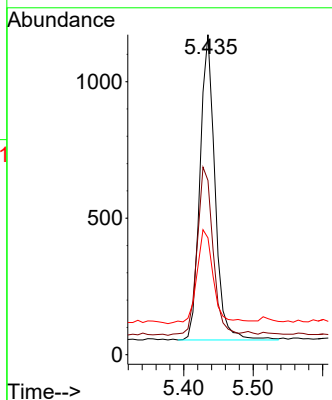
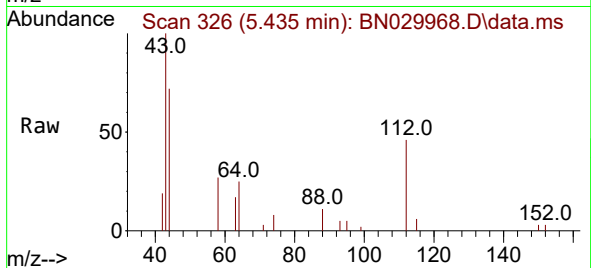
Tgt Ion:112 Resp: 1682

Ion Ratio Lower Upper

112 100

64 57.8 47.2 70.8

63 33.7 25.8 38.6



#5

Phenol-d6

Concen: 0.098 ng

RT: 7.031 min Scan# 547

Delta R.T. -0.007 min

Lab File: BN029968.D

Acq: 23 Feb 2024 22:03

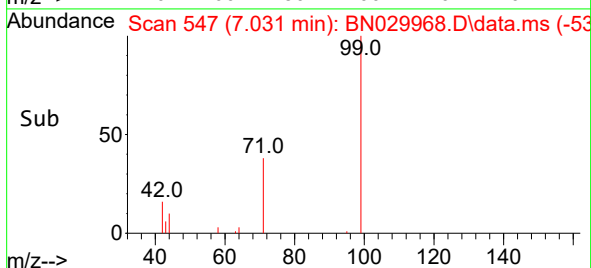
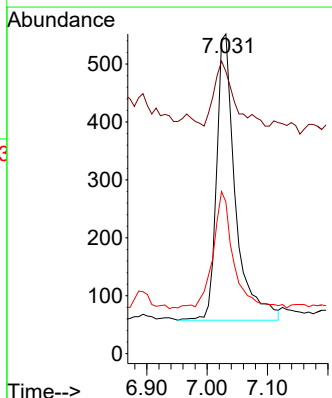
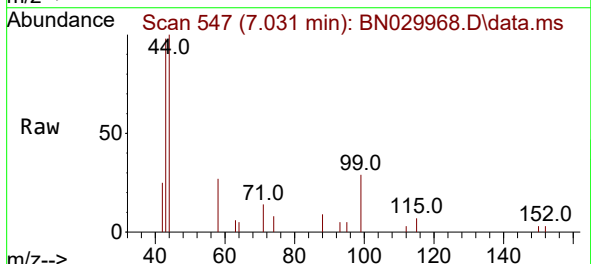
Tgt Ion: 99 Resp: 1066

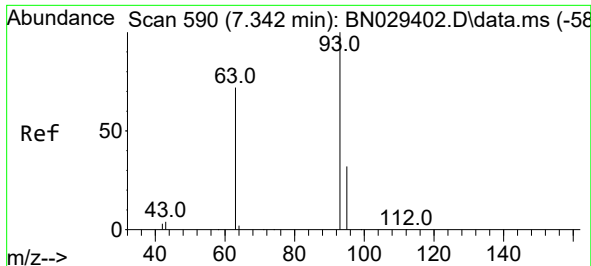
Ion Ratio Lower Upper

99 100

42 23.4 16.9 25.3

71 43.9 30.0 45.0

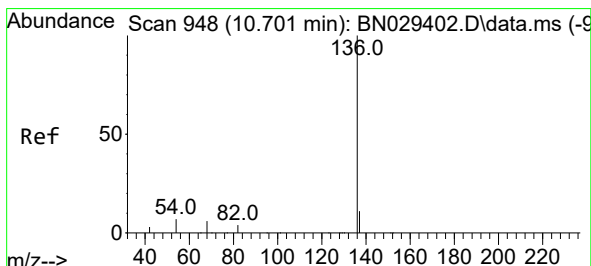
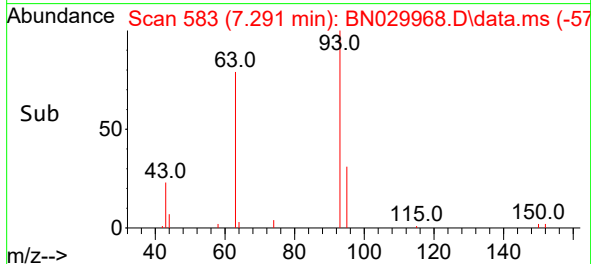
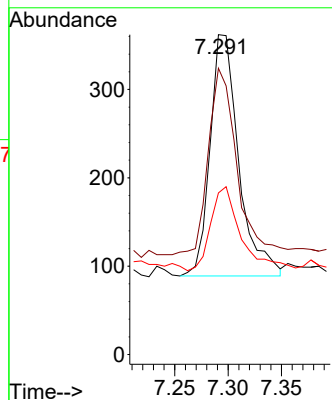
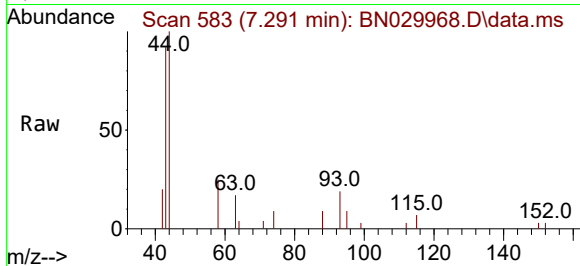




#6  
bis(2-Chloroethyl)ether  
Concen: 0.049 ng  
RT: 7.291 min Scan# 511  
Delta R.T. -0.015 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

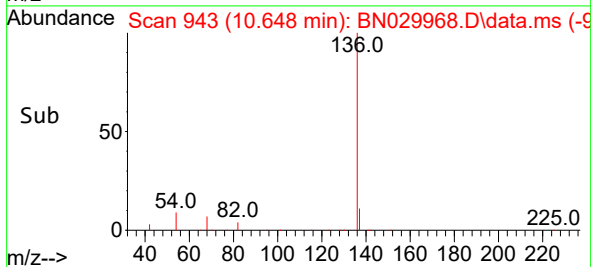
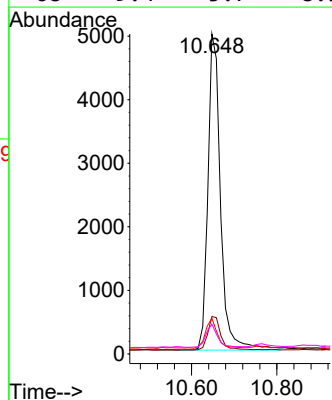
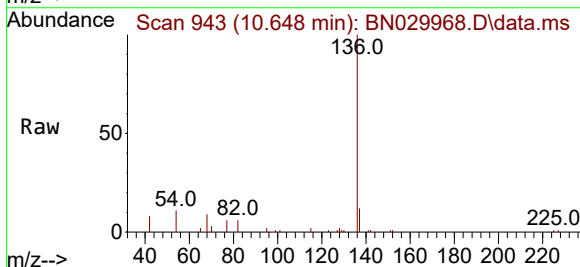
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214

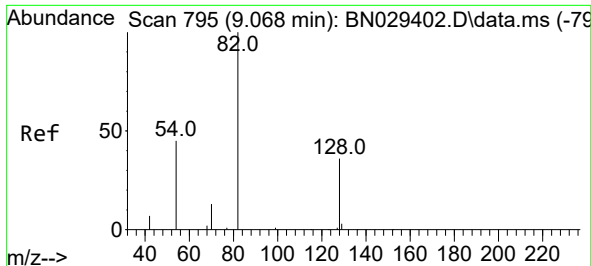
Tgt Ion: 93 Resp: 511  
Ion Ratio Lower Upper  
93 100  
63 77.9 63.1 94.7  
95 36.6 27.1 40.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.021 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

Tgt Ion: 136 Resp: 10235  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.7 14.5  
54 11.2 6.6 10.0#  
68 9.4 5.7 8.5#

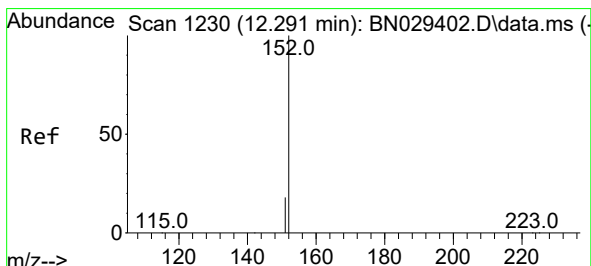
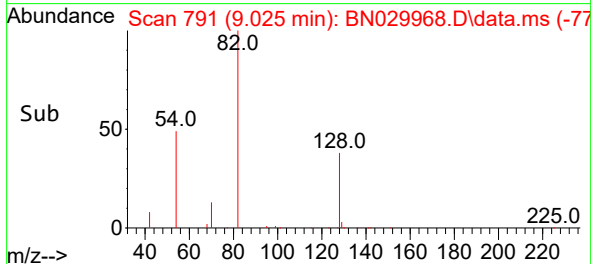
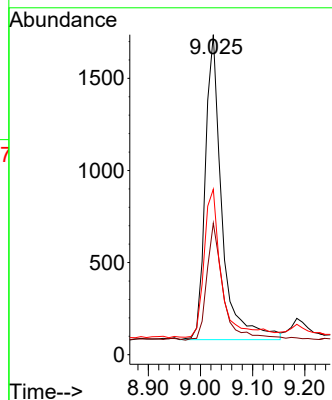
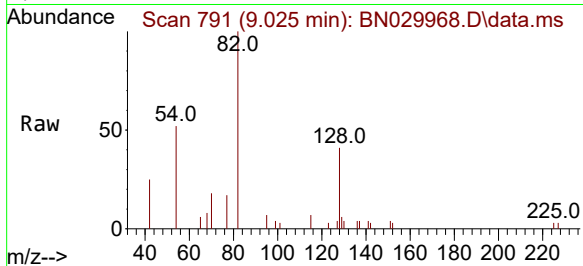




#8  
 Nitrobenzene-d5  
 Concen: 0.430 ng  
 RT: 9.025 min Scan# 791  
 Delta R.T. -0.011 min  
 Lab File: BN029968.D  
 Acq: 23 Feb 2024 22:03

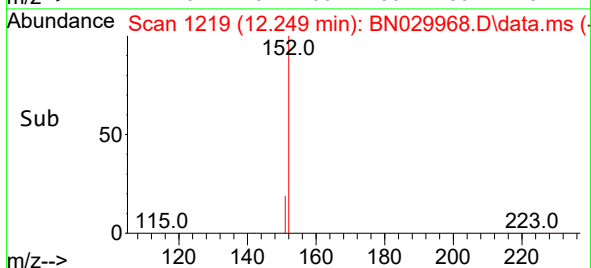
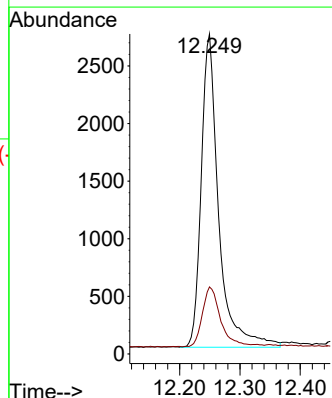
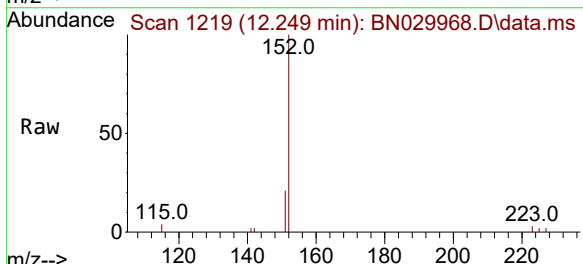
Instrument :  
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 ClientSampleId :  
 RE132D6-20240214

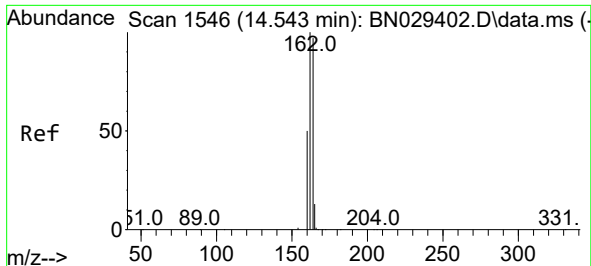
Tgt Ion: 82 Resp: 3660  
 Ion Ratio Lower Upper  
 82 100  
 128 41.1 31.6 47.4  
 54 51.7 38.2 57.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.390 ng  
 RT: 12.249 min Scan# 1219  
 Delta R.T. -0.008 min  
 Lab File: BN029968.D  
 Acq: 23 Feb 2024 22:03

Tgt Ion: 152 Resp: 5441  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 17.1 25.7

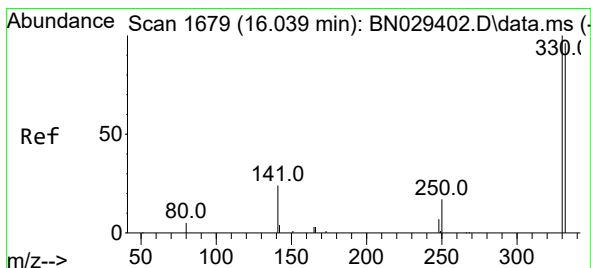
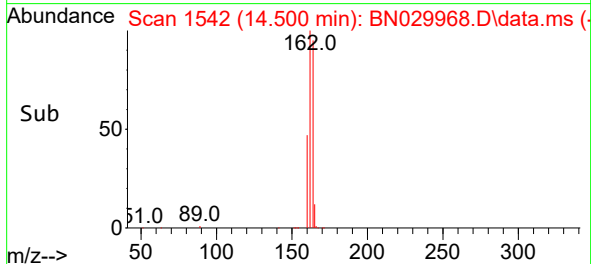
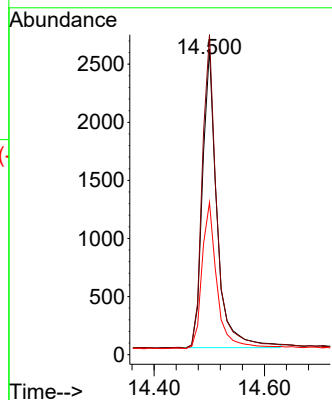
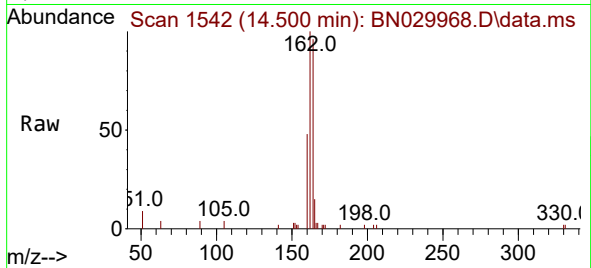




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.500 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

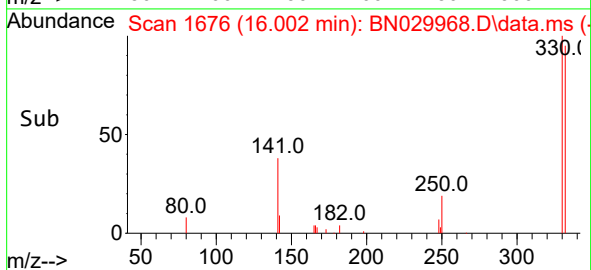
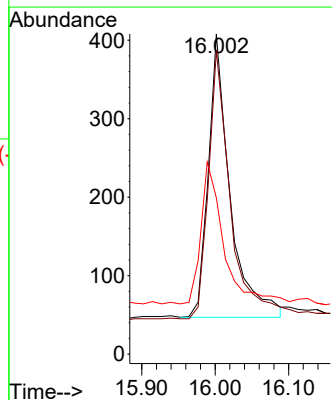
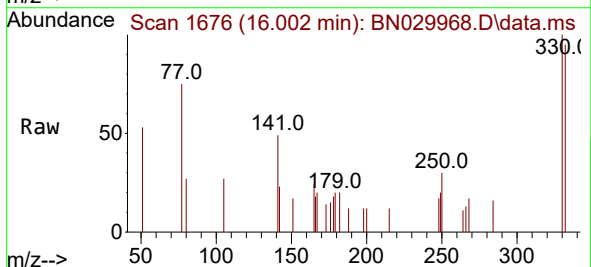
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RE132D6-20240214

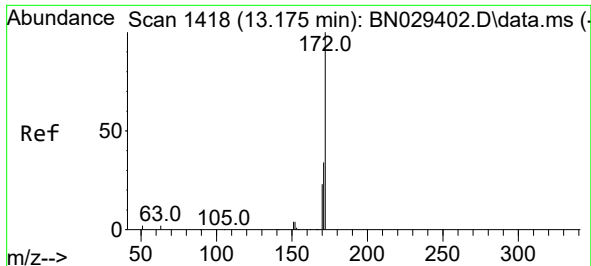
Tgt Ion:164 Resp: 4709  
Ion Ratio Lower Upper  
164 100  
162 104.6 82.6 123.8  
160 49.8 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.491 ng  
RT: 16.002 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

Tgt Ion:330 Resp: 742  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.0 114.0  
141 51.9 43.4 65.2

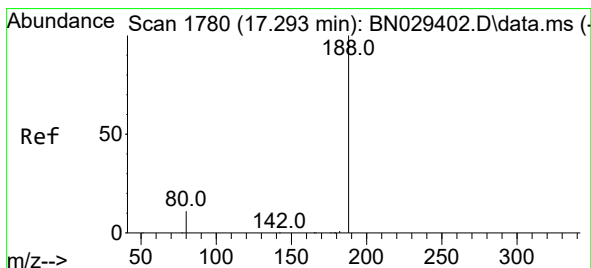
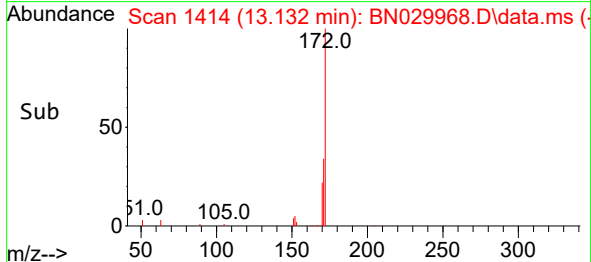
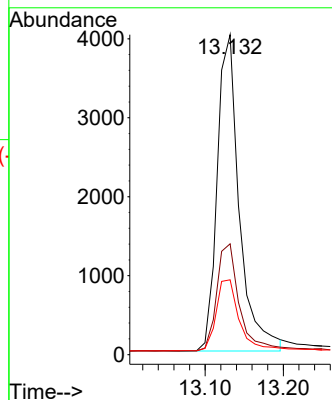
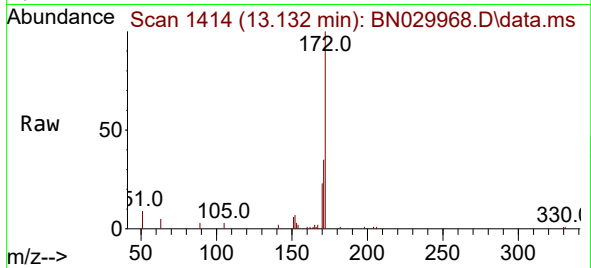




#15  
2-Fluorobiphenyl  
Concen: 0.389 ng  
RT: 13.132 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

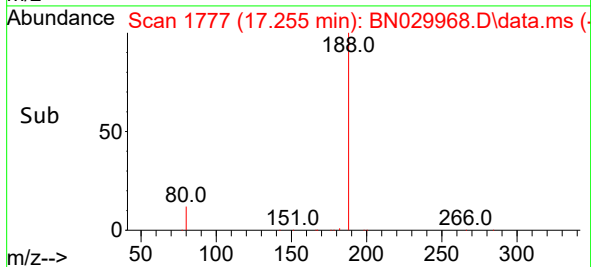
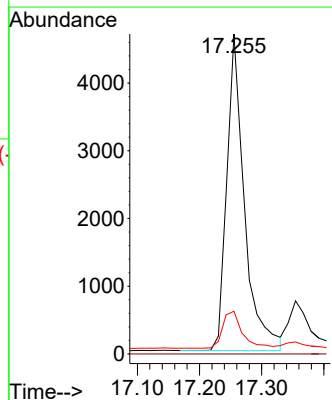
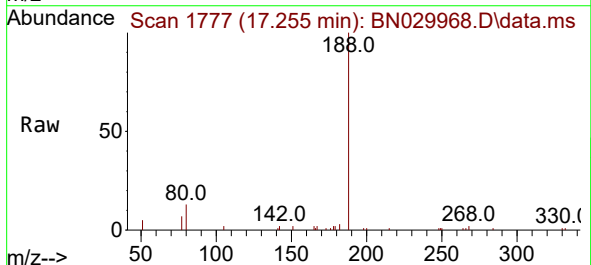
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:172 | Resp: | 7868        |
| Ion         | Ratio | Lower Upper |
| 172         | 100   |             |
| 171         | 34.6  | 28.0 42.0   |
| 170         | 23.4  | 18.7 28.1   |

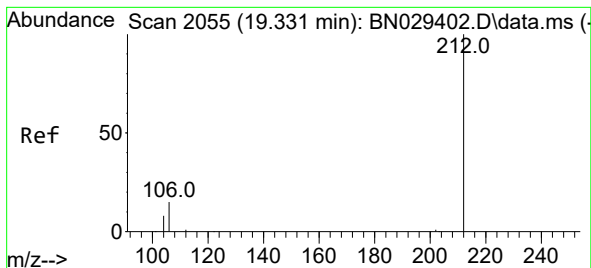


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.255 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:188 | Resp: | 9215        |
| Ion         | Ratio | Lower Upper |
| 188         | 100   |             |
| 94          | 0.0   | 0.0 0.0     |
| 80          | 13.3  | 10.0 15.0   |







#27

Fluoranthene-d10

Concen: 0.536 ng

RT: 19.289 min Scan# 2055

Delta R.T. -0.009 min

Lab File: BN029968.D

Acq: 23 Feb 2024 22:03

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20240214

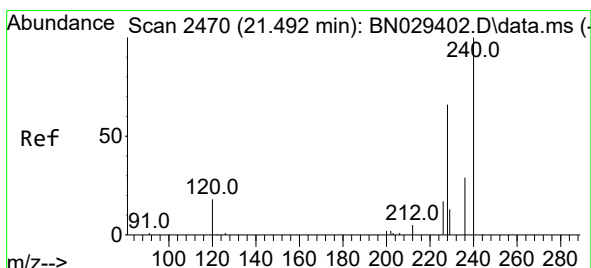
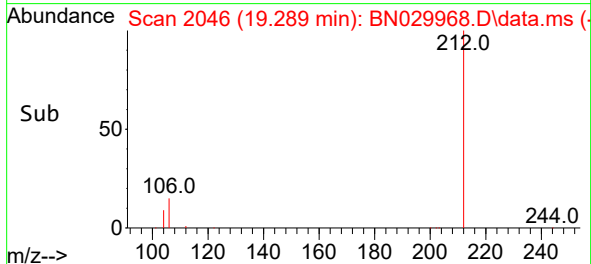
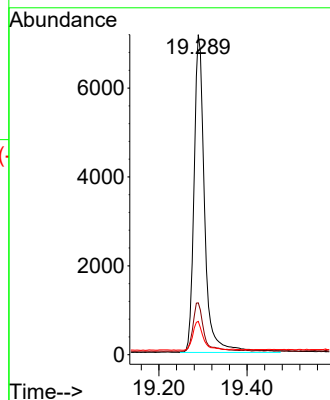
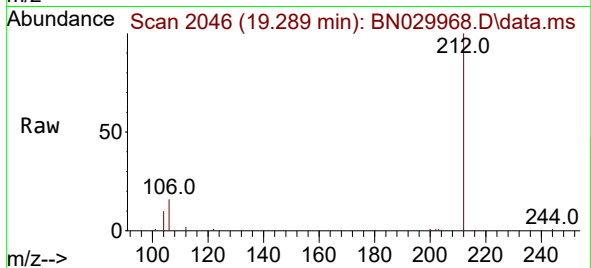
Tgt Ion:212 Resp: 11957

Ion Ratio Lower Upper

212 100

106 15.9 13.2 19.8

104 9.1 7.7 11.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. -0.009 min

Lab File: BN029968.D

Acq: 23 Feb 2024 22:03

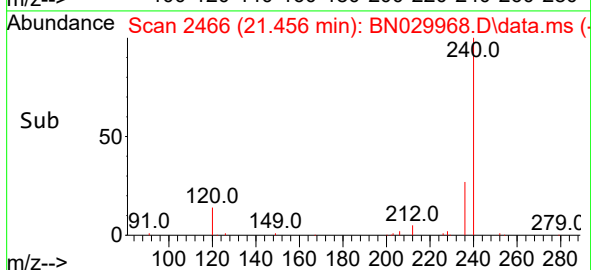
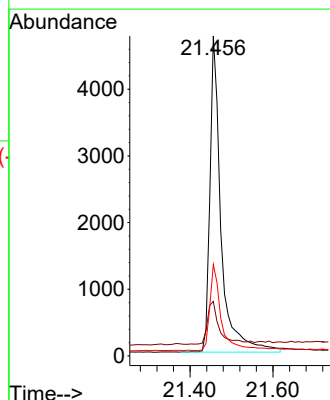
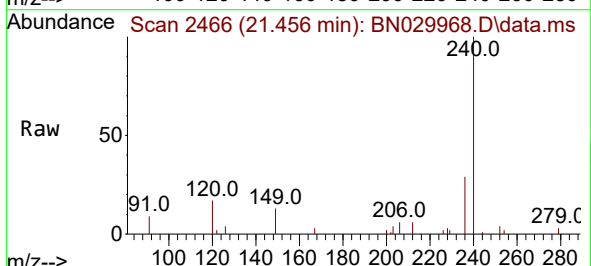
Tgt Ion:240 Resp: 8875

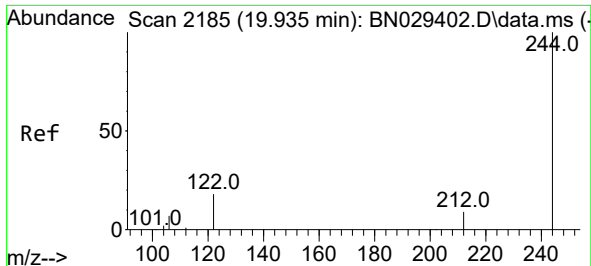
Ion Ratio Lower Upper

240 100

120 17.0 16.7 25.1

236 28.6 23.9 35.9

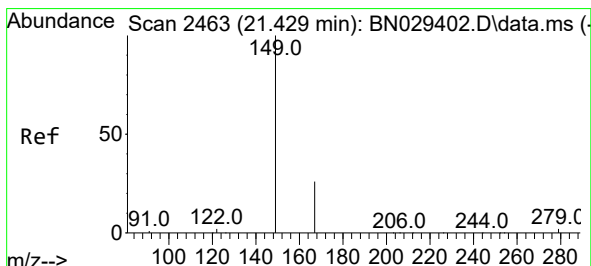
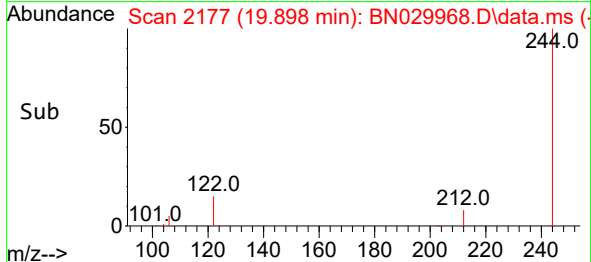
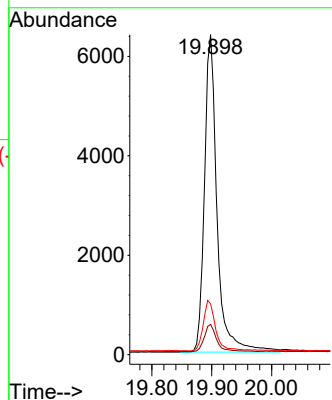
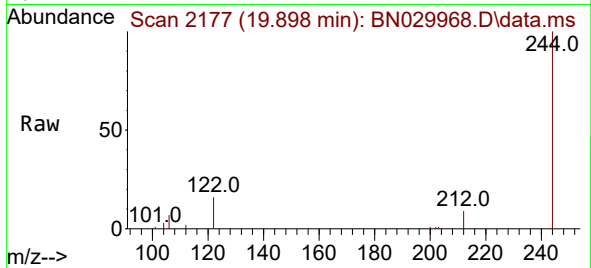




#31  
Terphenyl-d14  
Concen: 0.423 ng  
RT: 19.898 min Scan# 2185  
Delta R.T. -0.009 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

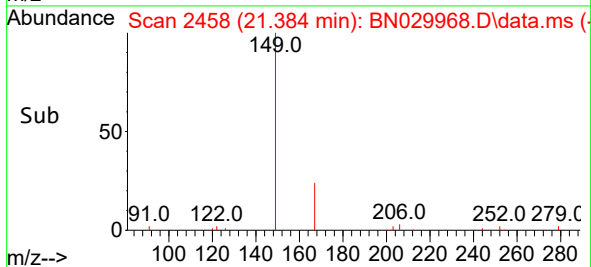
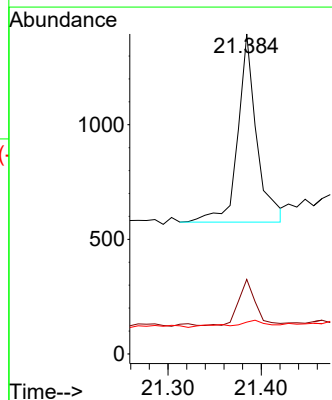
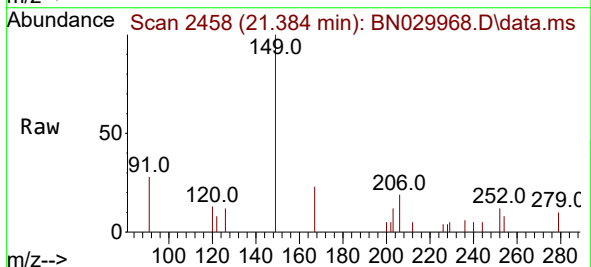
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214

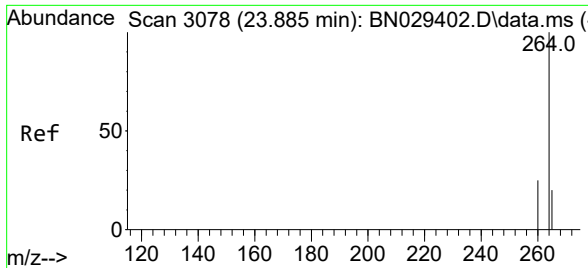
Tgt Ion:244 Resp: 9321  
Ion Ratio Lower Upper  
244 100  
212 9.5 8.2 12.4  
122 15.9 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.056 ng  
RT: 21.384 min Scan# 2458  
Delta R.T. -0.009 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

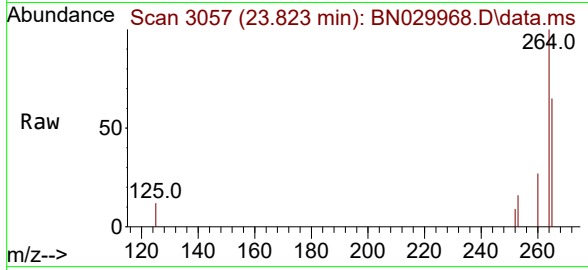
Tgt Ion:149 Resp: 1150  
Ion Ratio Lower Upper  
149 100  
167 22.2 20.1 30.1  
279 6.4 2.5 3.7#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.823 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BN029968.D  
Acq: 23 Feb 2024 22:03

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214



Tgt Ion:264 Resp: 8575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.1  | 21.2  | 31.8  |
| 265 | 65.2  | 41.5  | 62.3# |

