

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024317.D  
 Acq On : 16 Mar 2023 18:45  
 Operator : CG/JU  
 Sample : PB151396BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151396BL

Quant Time: Mar 17 04:42:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.047  | 152  | 6825     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.855 | 136  | 19652    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.675 | 164  | 8781     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.425 | 188  | 17717    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.610 | 240  | 11044    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 24.126 | 264  | 8498     | 0.400 | ng    | # 0.01   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.584  | 112  | 5636     | 0.373 | ng    | 0.00     |
| 5) Phenol-d6                | 7.195  | 99   | 7204     | 0.371 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.211  | 82   | 5293     | 0.403 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.440 | 152  | 8723     | 0.361 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.159 | 330  | 900      | 0.201 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.307 | 172  | 12893    | 0.389 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.446 | 212  | 13903    | 0.370 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.033 | 244  | 10204    | 0.548 | ng    | 0.00     |

Target Compounds Qvalue

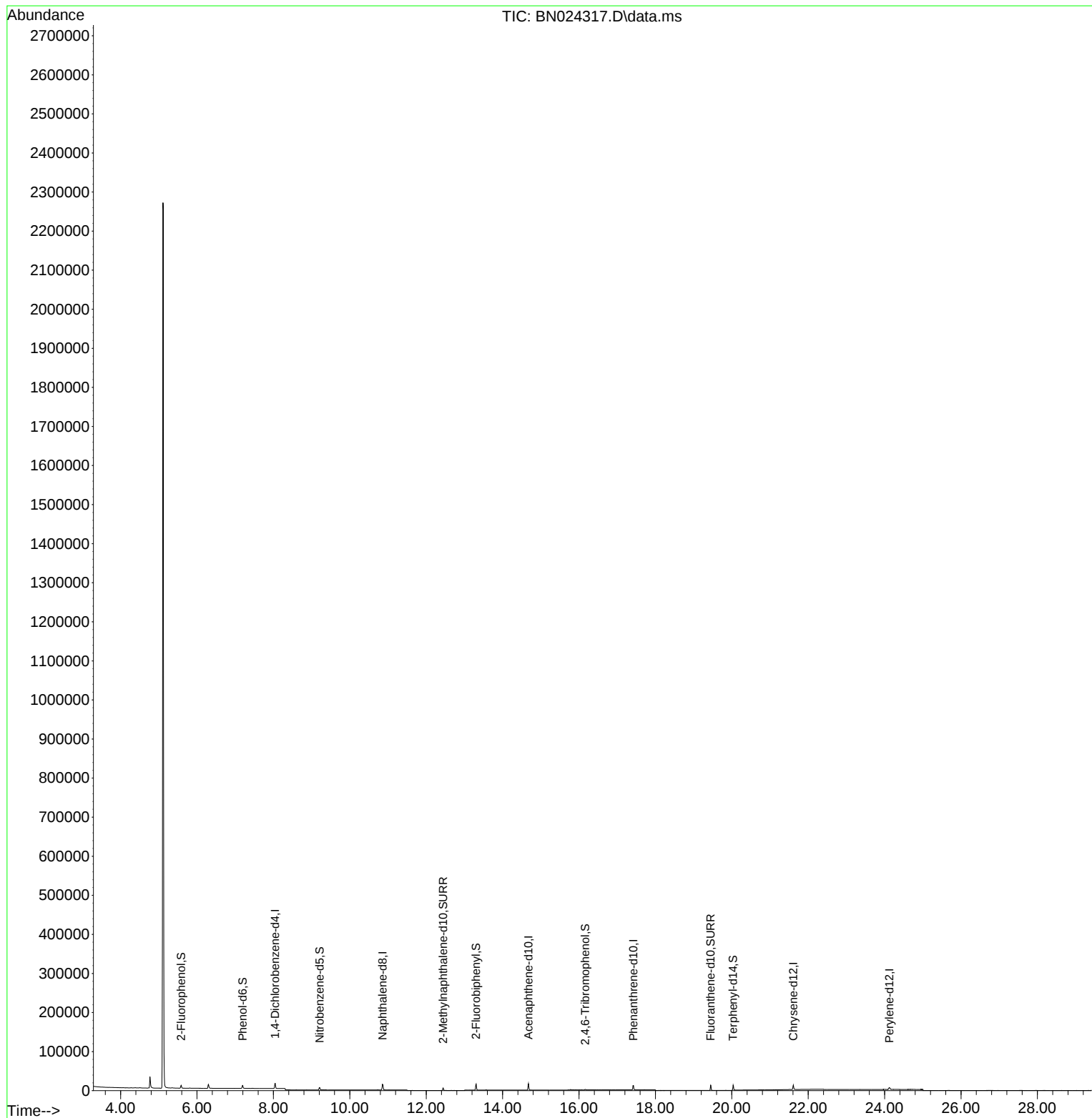
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
Data File : BN024317.D  
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Sample : PB151396BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB151396BL

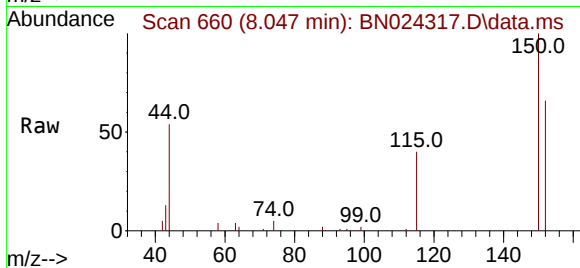
Quant Time: Mar 17 04:42:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 04:37:08 2023  
Response via : Initial Calibration



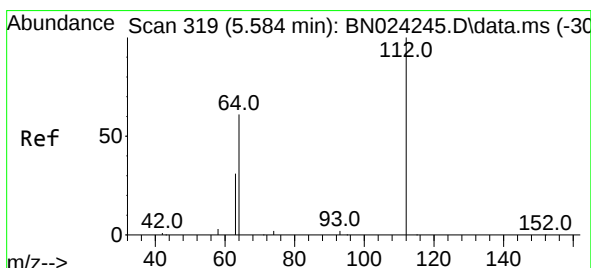
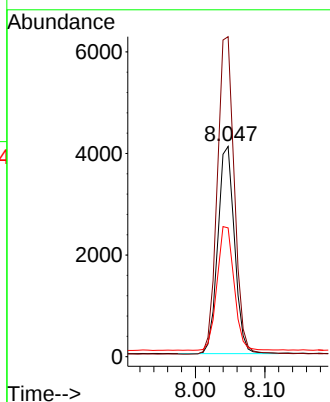
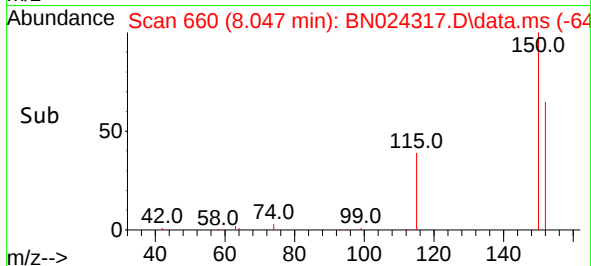


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.047 min Scan# 660  
 Delta R.T. 0.007 min  
 Lab File: BN024317.D  
 Acq: 16 Mar 2023 18:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151396BL

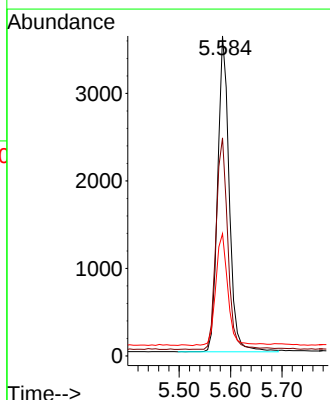
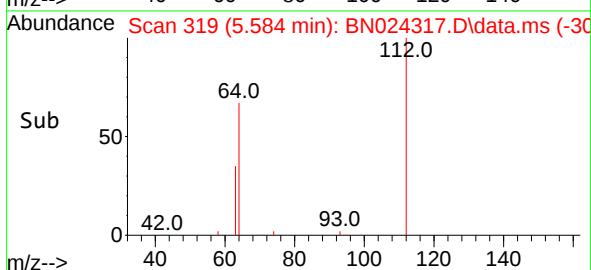
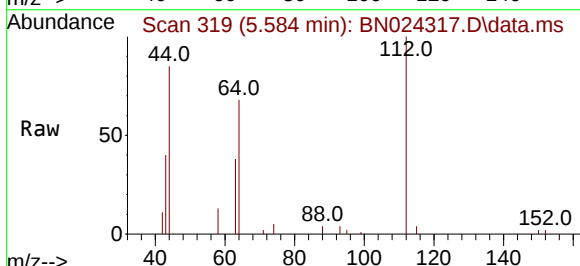


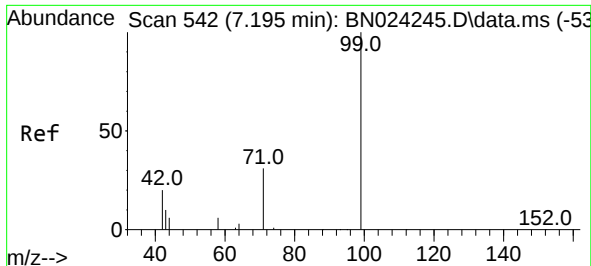
Tgt Ion:152 Resp: 6825  
 Ion Ratio Lower Upper  
 152 100  
 150 152.1 124.7 187.1  
 115 61.2 49.1 73.7



#4  
 2-Fluorophenol  
 Concen: 0.373 ng  
 RT: 5.584 min Scan# 319  
 Delta R.T. 0.007 min  
 Lab File: BN024317.D  
 Acq: 16 Mar 2023 18:45

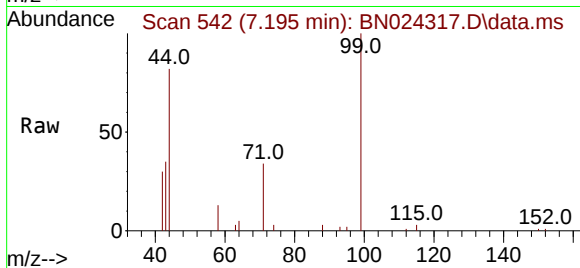
Tgt Ion:112 Resp: 5636  
 Ion Ratio Lower Upper  
 112 100  
 64 67.5 49.0 73.6  
 63 36.9 25.7 38.5



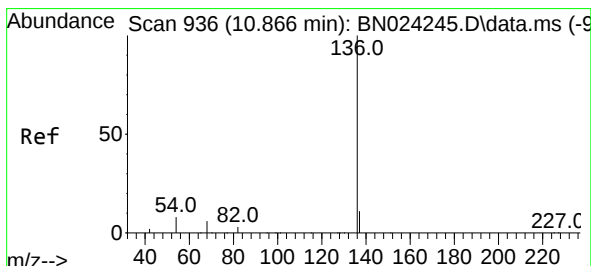
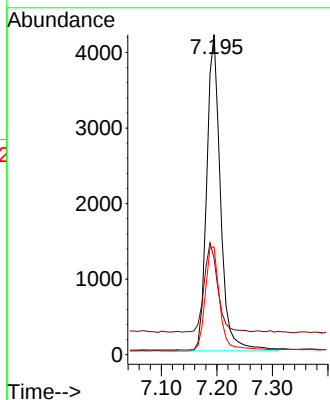
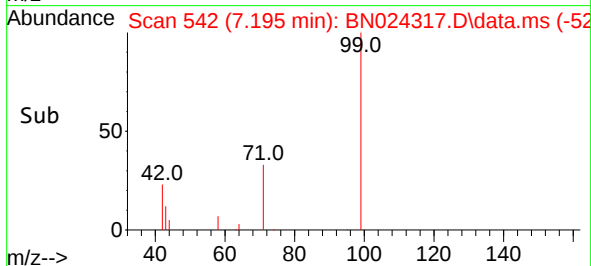


#5  
Phenol-d6  
Concen: 0.371 ng  
RT: 7.195 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45

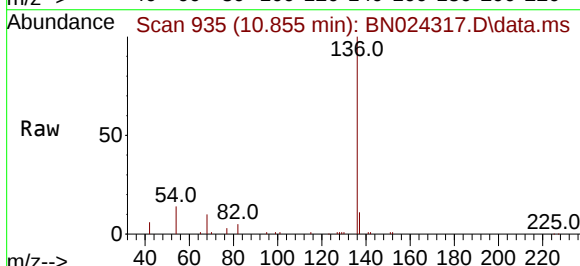
Instrument :  
BNA\_N  
ClientSampleId :  
PB151396BL



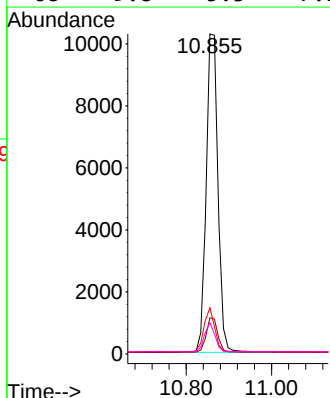
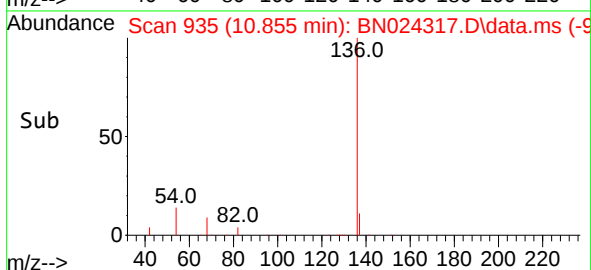
| Tgt Ion: | 99    | Resp: | 7204  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 28.0  | 20.1  | 30.1  |
| 71       | 34.1  | 25.8  | 38.8  |

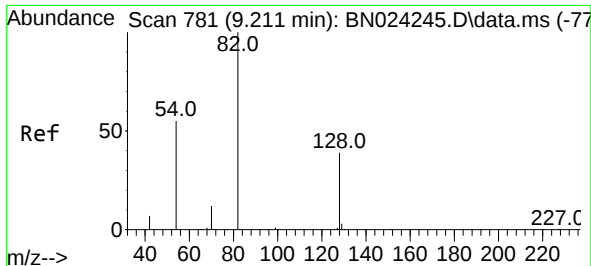


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45



| Tgt Ion: | 136   | Resp: | 19652 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 8.9   | 13.3  |
| 54       | 14.4  | 7.1   | 10.7# |
| 68       | 9.8   | 5.3   | 7.9#  |

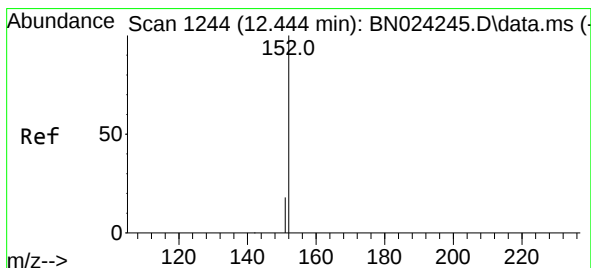
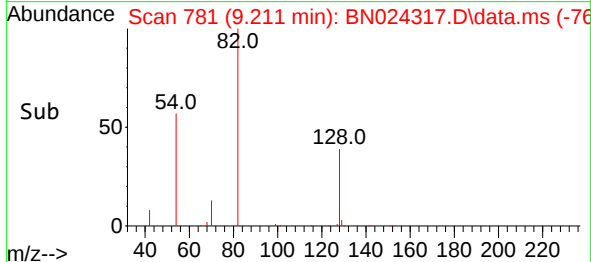
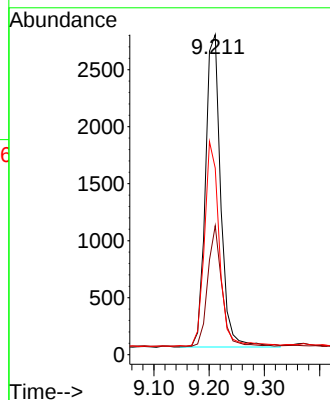
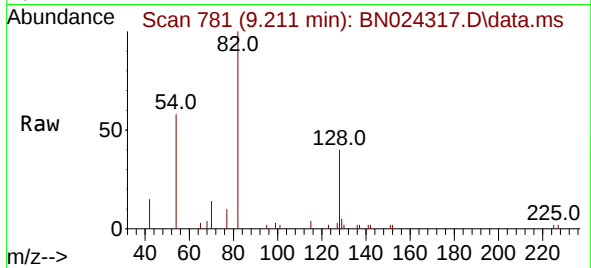




#8  
Nitrobenzene-d5  
Concen: 0.403 ng  
RT: 9.211 min Scan# 781  
Delta R.T. 0.011 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45

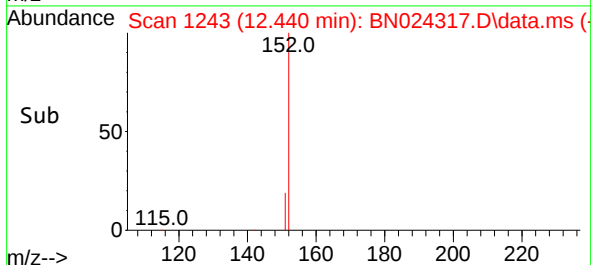
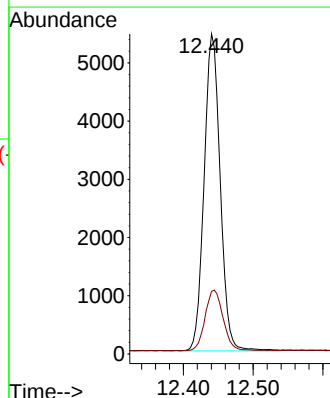
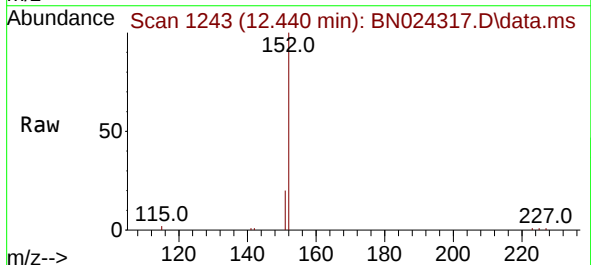
Instrument :  
BNA\_N  
ClientSampleId :  
PB151396BL

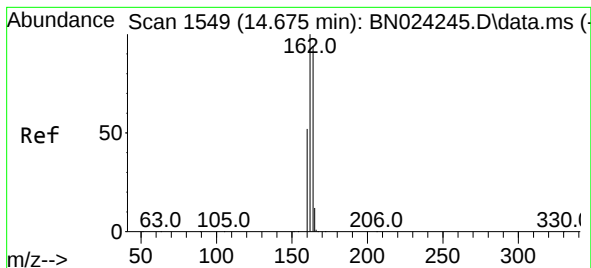
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5293 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.3  | 32.4  | 48.6 |
| 54        | 58.3  | 45.2  | 67.8 |



#11  
2-Methylnaphthalene-d10  
Concen: 0.361 ng  
RT: 12.440 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 8723 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 21.4  | 16.8  | 25.2 |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BN024317.D

Acq: 16 Mar 2023 18:45

Instrument :

BNA\_N

ClientSampleId :

PB151396BL

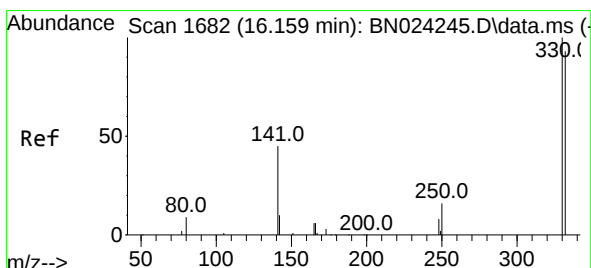
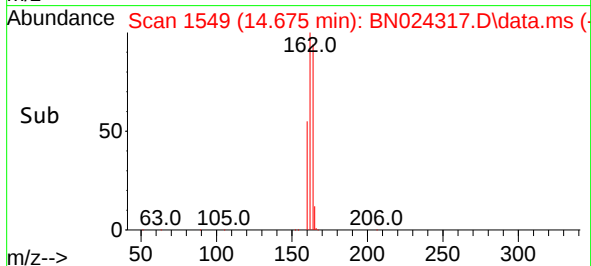
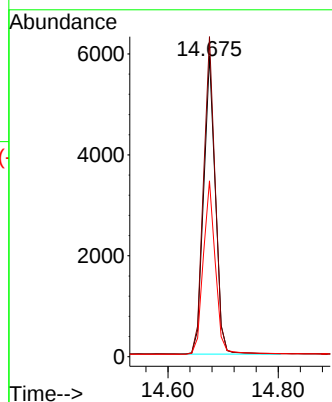
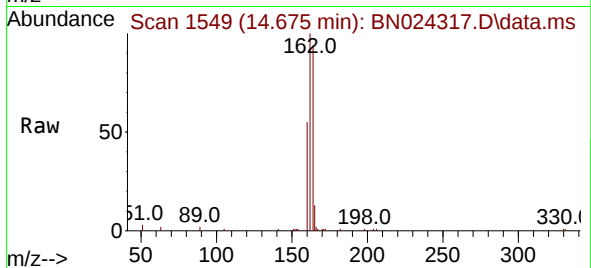
Tgt Ion:164 Resp: 8781

Ion Ratio Lower Upper

164 100

162 106.4 84.7 127.1

160 58.5 44.6 66.8



#14

2,4,6-Tribromophenol

Concen: 0.201 ng

RT: 16.159 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BN024317.D

Acq: 16 Mar 2023 18:45

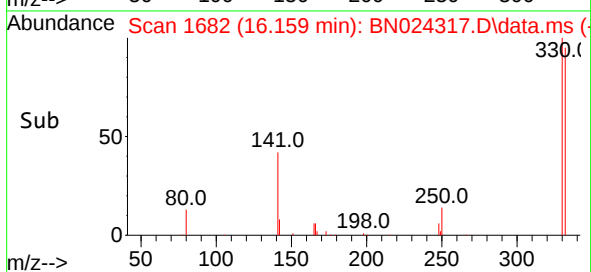
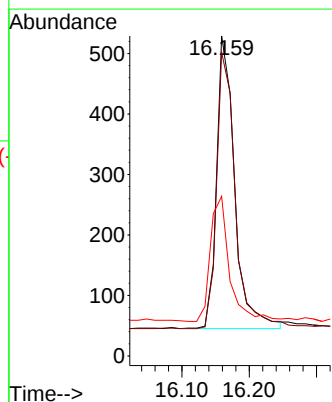
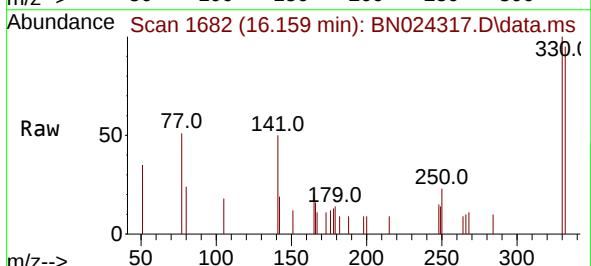
Tgt Ion:330 Resp: 900

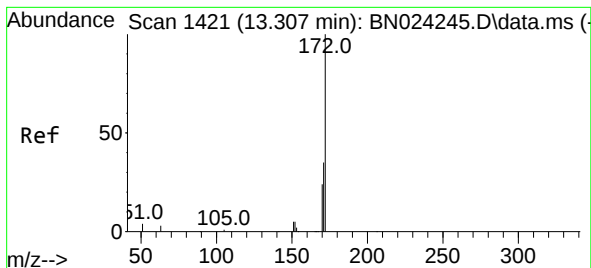
Ion Ratio Lower Upper

330 100

332 97.9 78.0 117.0

141 45.4 30.8 46.2





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 13.307 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BN024317.D

Acq: 16 Mar 2023 18:45

Instrument :

BNA\_N

ClientSampleId :

PB151396BL

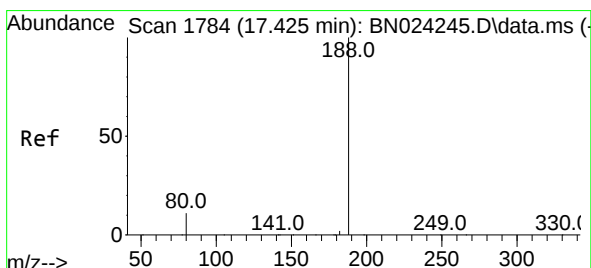
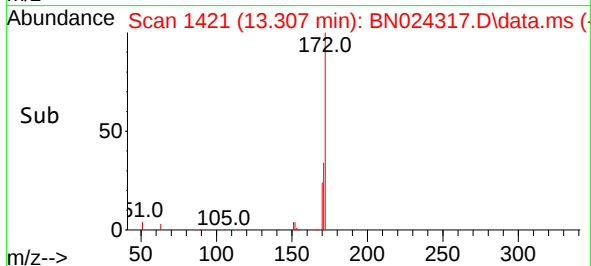
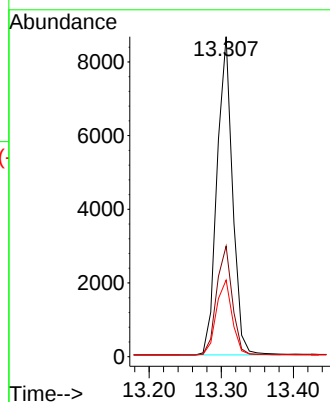
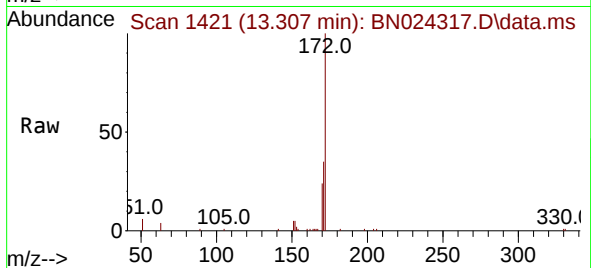
Tgt Ion:172 Resp: 12893

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 24.0 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 1784

Delta R.T. 0.012 min

Lab File: BN024317.D

Acq: 16 Mar 2023 18:45

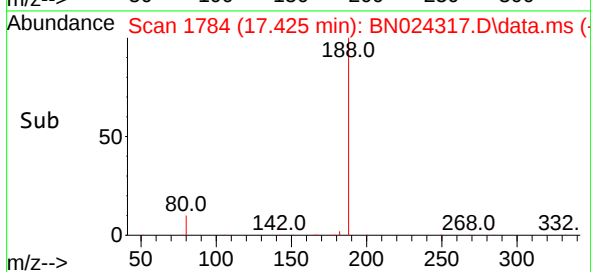
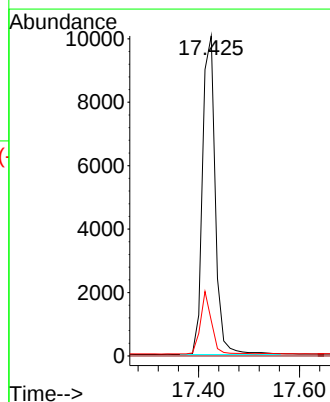
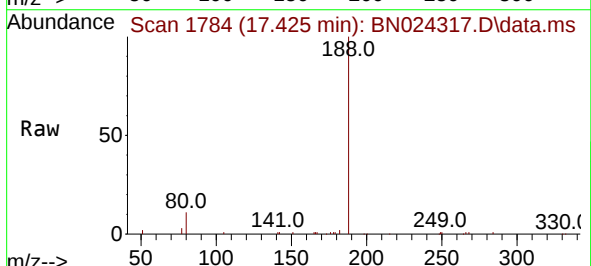
Tgt Ion:188 Resp: 17717

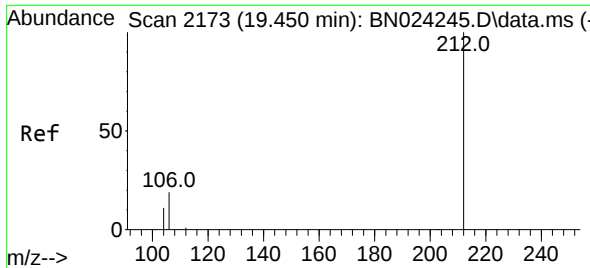
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 8.9 13.3

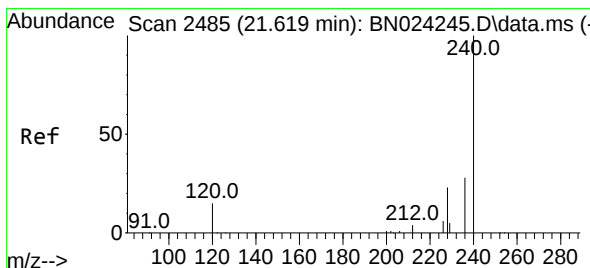
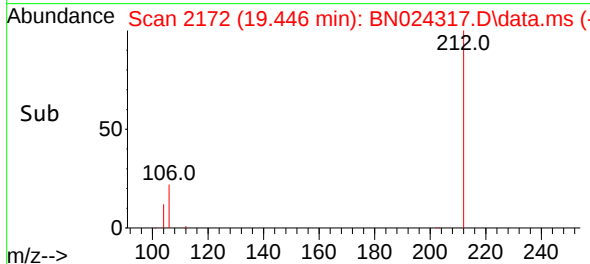
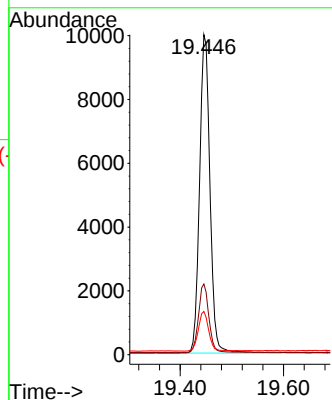
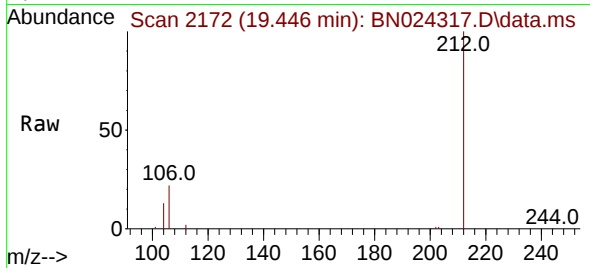




#27  
Fluoranthene-d10  
Concen: 0.370 ng  
RT: 19.446 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45

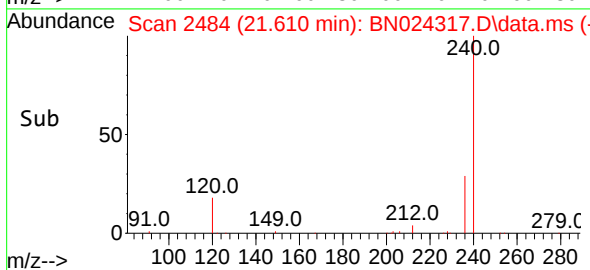
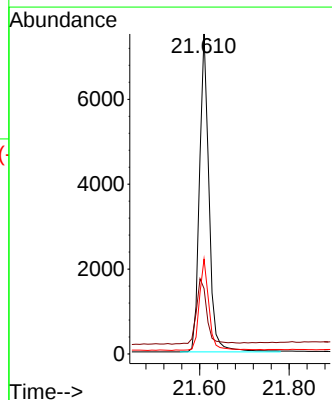
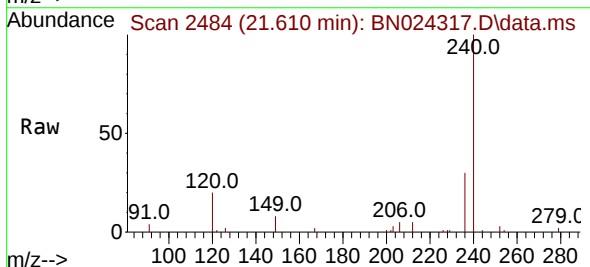
Instrument :  
BNA\_N  
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PB151396BL

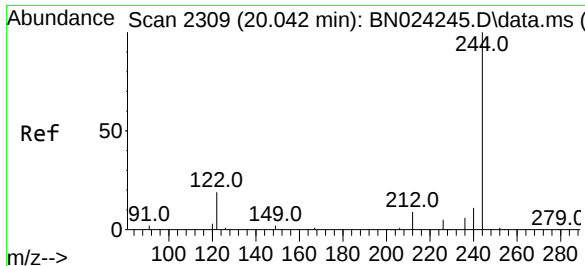
Tgt Ion:212 Resp: 13903  
Ion Ratio Lower Upper  
212 100  
106 21.3 15.4 23.2  
104 12.4 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2484  
Delta R.T. 0.009 min  
Lab File: BN024317.D  
Acq: 16 Mar 2023 18:45

Tgt Ion:240 Resp: 11044  
Ion Ratio Lower Upper  
240 100  
120 20.4 12.8 19.2#  
236 29.6 22.5 33.7

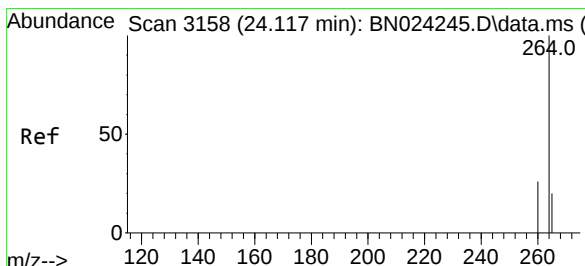
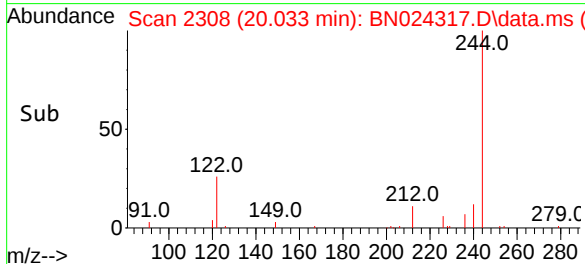
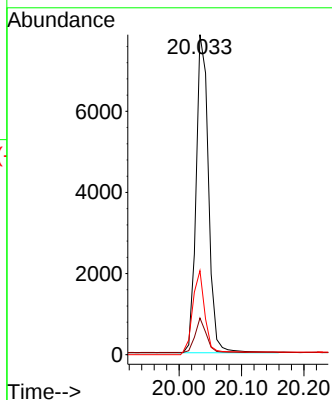
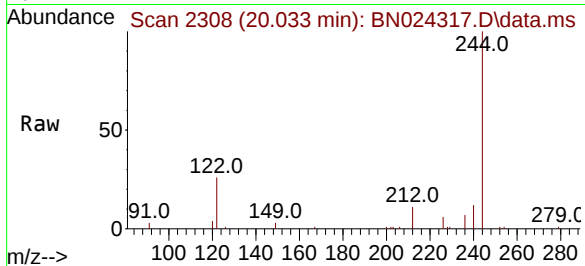




#31  
 Terphenyl-d14  
 Concen: 0.548 ng  
 RT: 20.033 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN024317.D  
 Acq: 16 Mar 2023 18:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151396BL

Tgt Ion:244 Resp: 10204  
 Ion Ratio Lower Upper  
 244 100  
 212 11.5 7.6 11.4#  
 122 26.2 15.1 22.7#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.126 min Scan# 3161  
 Delta R.T. 0.012 min  
 Lab File: BN024317.D  
 Acq: 16 Mar 2023 18:45

Tgt Ion:264 Resp: 8498  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 21.4 32.2  
 265 74.0 35.7 53.5#

