

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011223\  
 Data File : BN023624.D  
 Acq On : 11 Jan 2023 23:15  
 Operator : CG/JU  
 Sample : PB150174BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150174BL

Quant Time: Jan 12 01:51:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 00:22:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.948  | 152  | 4523     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.765 | 136  | 12978    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.591 | 164  | 7325     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.340 | 188  | 16131    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.536 | 240  | 12727    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.957 | 264  | 9552     | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.493  | 112  | 3546     | 0.395 | ng    | 0.00     |
| 5) Phenol-d6                | 7.111  | 99   | 4277     | 0.370 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.110  | 82   | 2901     | 0.297 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.352 | 152  | 5570     | 0.311 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.086 | 330  | 880      | 0.277 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.223 | 172  | 9075     | 0.307 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.376 | 212  | 11878    | 0.301 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.975 | 244  | 12170    | 0.378 | ng    | 0.00     |

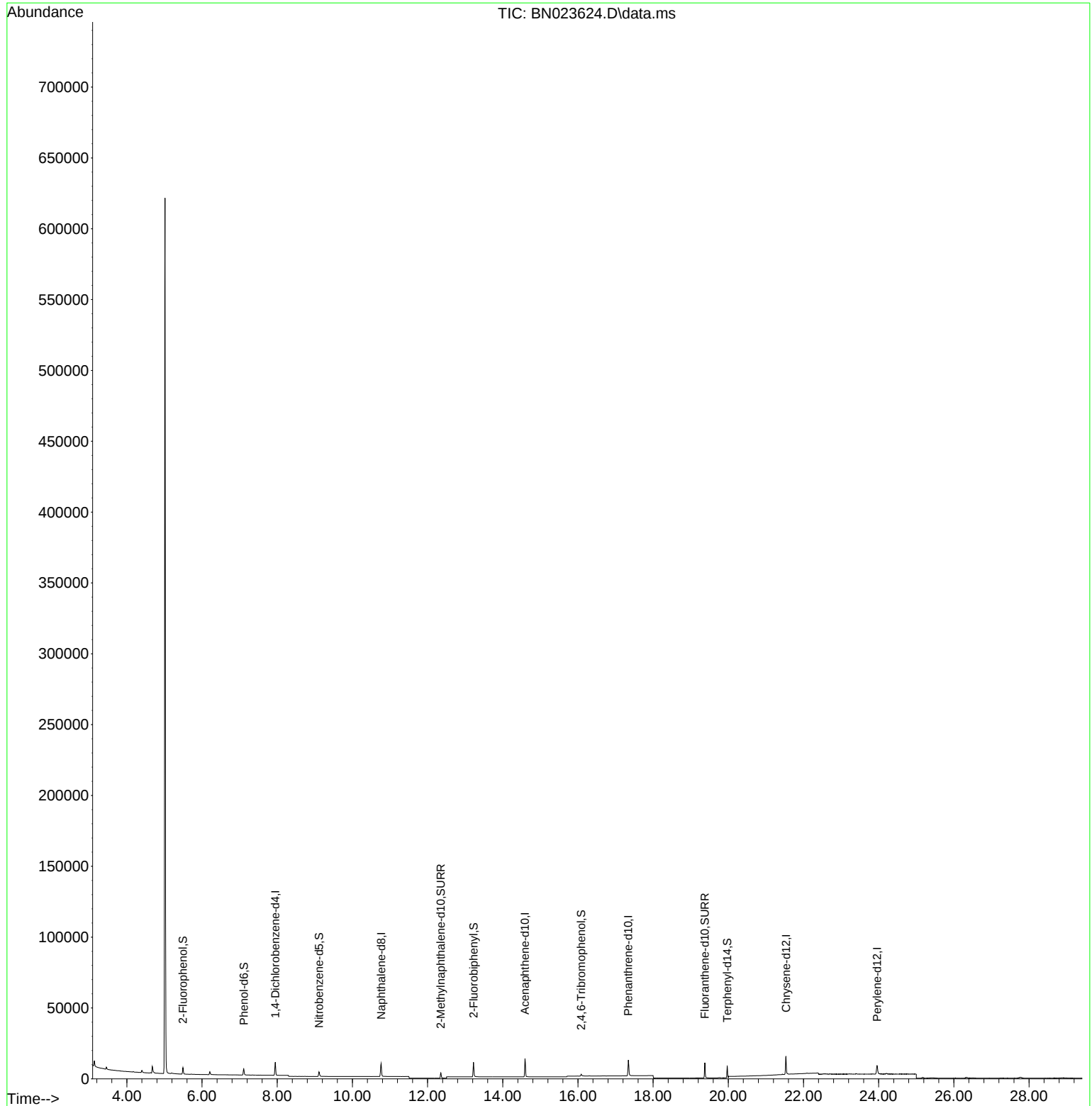
Target Compounds Qvalue

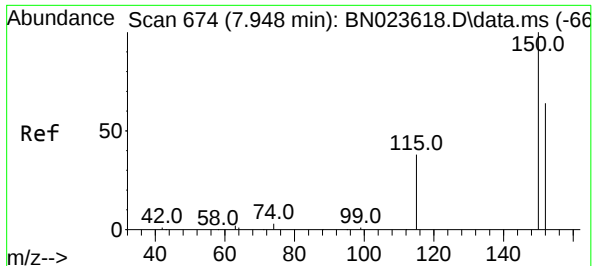
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011223\  
Data File : BN023624.D  
Acq On : 11 Jan 2023 23:15  
Operator : CG/JU  
Sample : PB150174BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

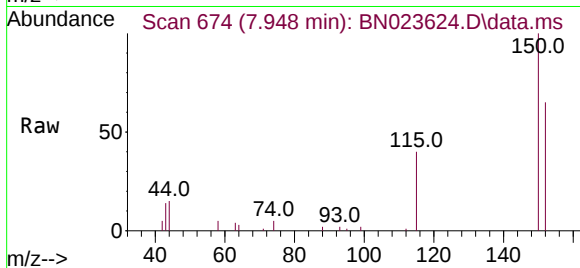
Quant Time: Jan 12 01:51:03 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 12 00:22:07 2023  
Response via : Initial Calibration



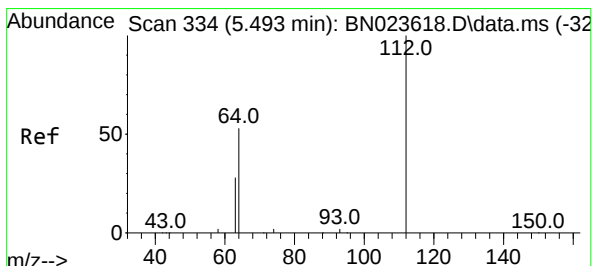
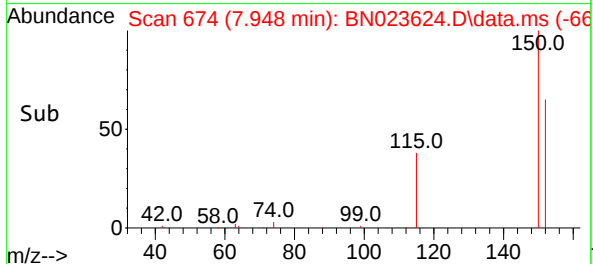
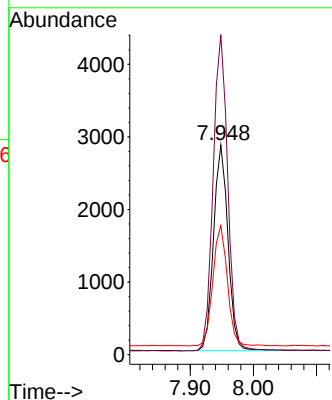


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.948 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

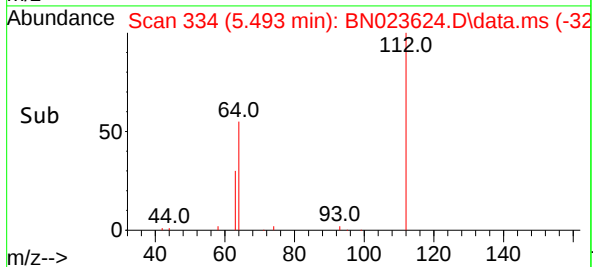
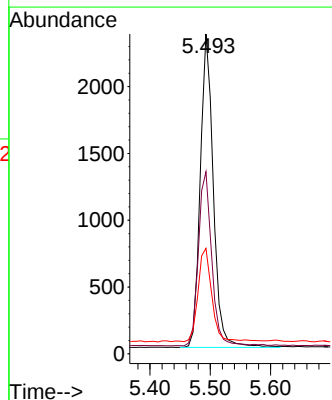
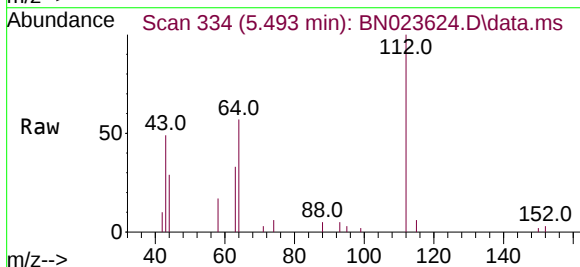


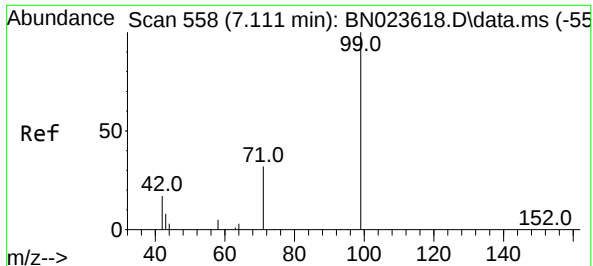
Tgt Ion:152 Resp: 4523  
Ion Ratio Lower Upper  
152 100  
150 152.7 123.8 185.8  
115 61.6 50.6 75.8



#4  
2-Fluorophenol  
Concen: 0.395 ng  
RT: 5.493 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

Tgt Ion:112 Resp: 3546  
Ion Ratio Lower Upper  
112 100  
64 56.5 44.9 67.3  
63 30.3 24.9 37.3

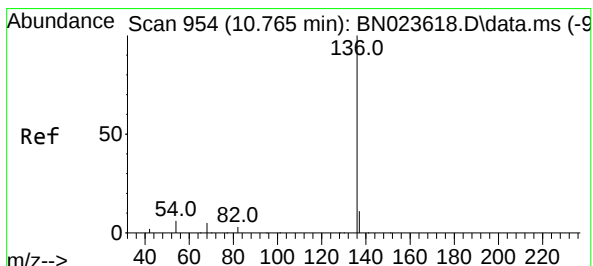
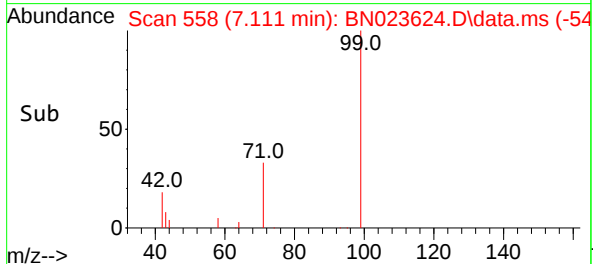
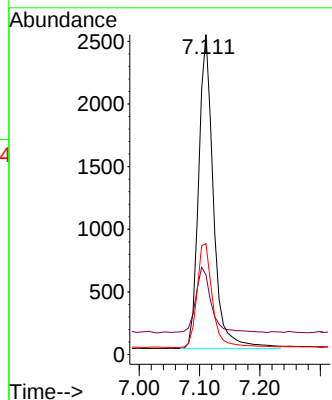
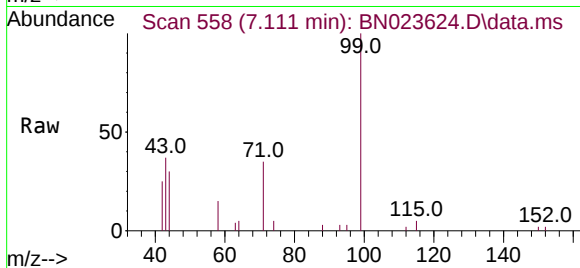




#5  
Phenol-d6  
Concen: 0.370 ng  
RT: 7.111 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

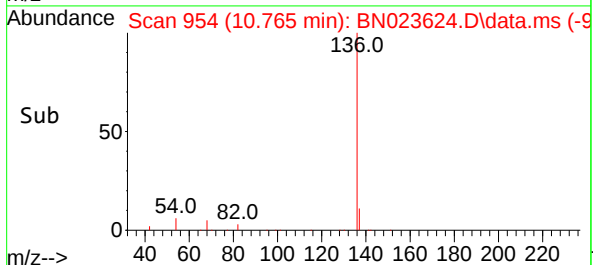
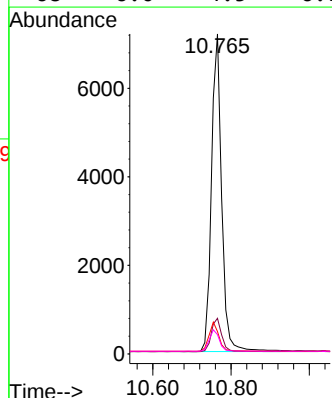
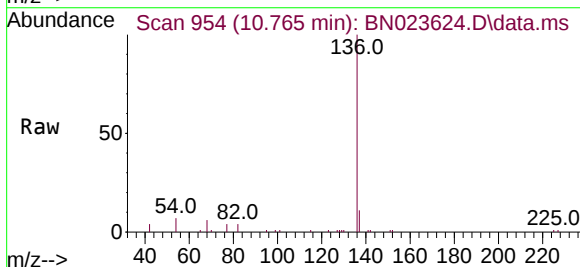
Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

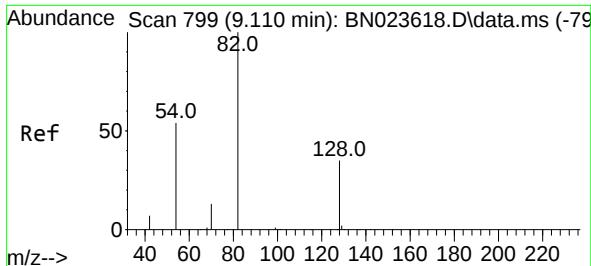
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4277  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.8  | 18.8  | 28.2  |
| 71       | 34.7  | 28.2  | 42.4  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.765 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12978 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 9.3   | 13.9  |
| 54       | 7.0   | 5.7   | 8.5   |
| 68       | 6.0   | 4.5   | 6.7   |

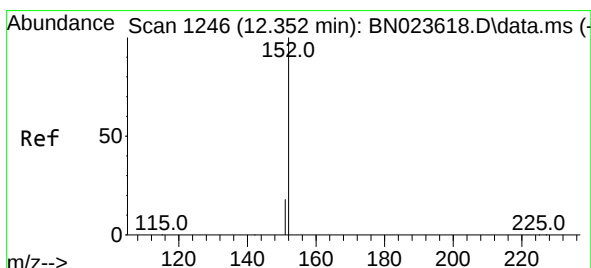
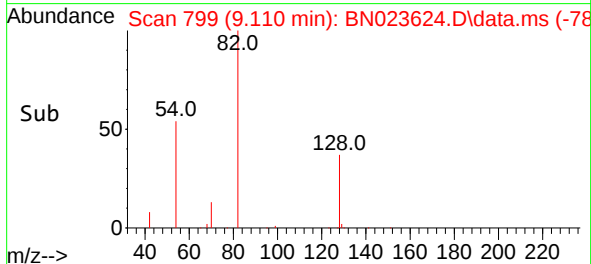
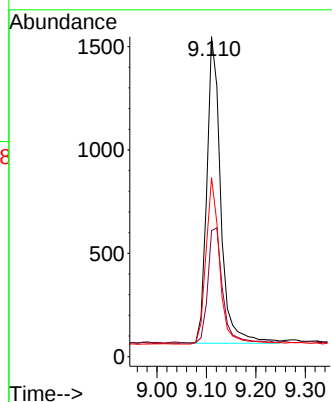
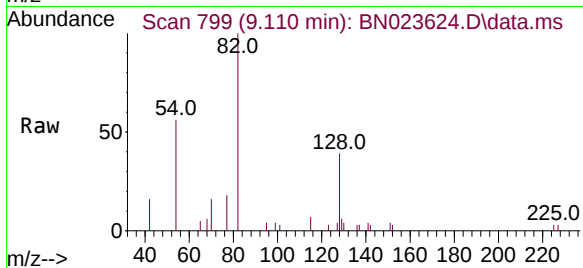




#8  
Nitrobenzene-d5  
Concen: 0.297 ng  
RT: 9.110 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

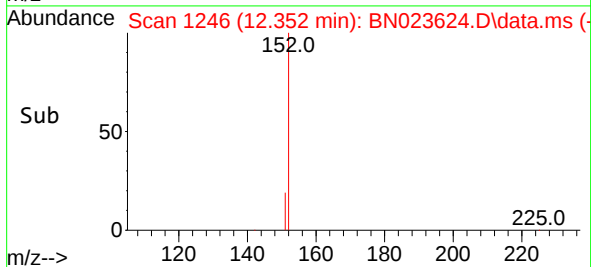
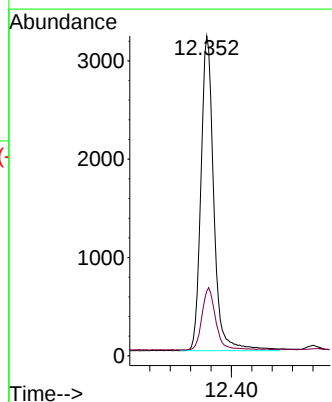
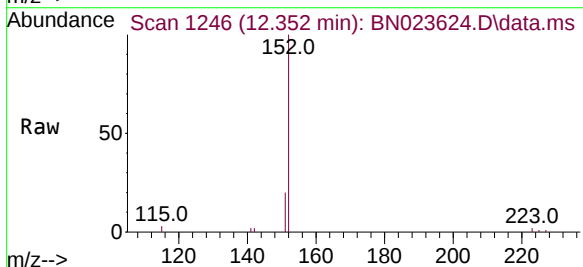
Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

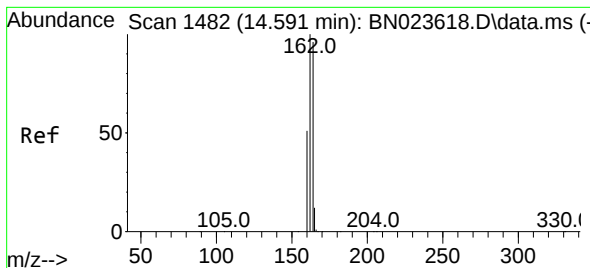
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.4  | 29.8  | 44.8  |
| 54      | 55.9  | 43.9  | 65.9  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.311 ng  
RT: 12.352 min Scan# 1246  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.9  | 25.3  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.591 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BN023624.D

Acq: 11 Jan 2023 23:15

Instrument :

BNA\_N

ClientSampleId :

PB150174BL

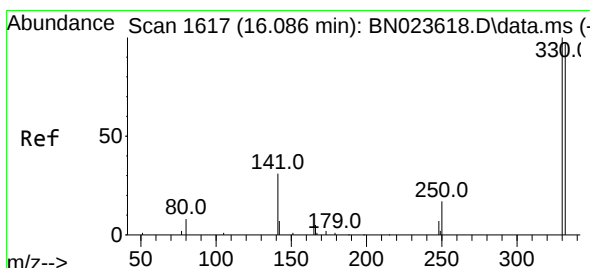
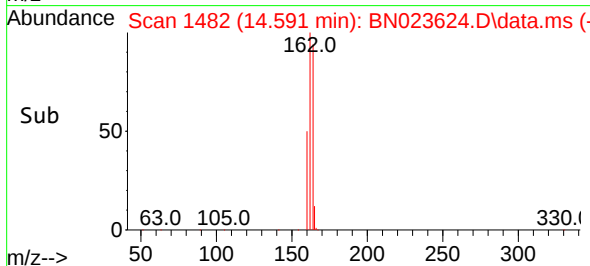
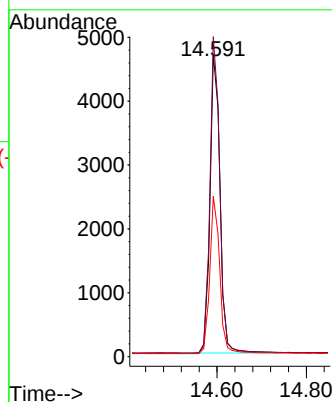
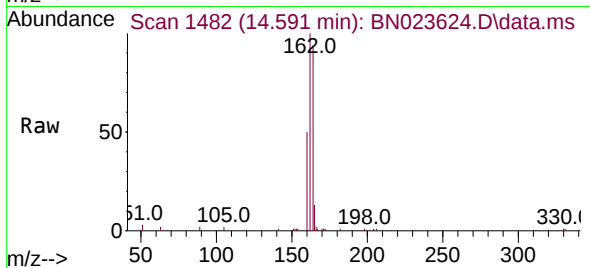
Tgt Ion:164 Resp: 7325

Ion Ratio Lower Upper

164 100

162 106.0 83.4 125.2

160 53.2 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.277 ng

RT: 16.086 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BN023624.D

Acq: 11 Jan 2023 23:15

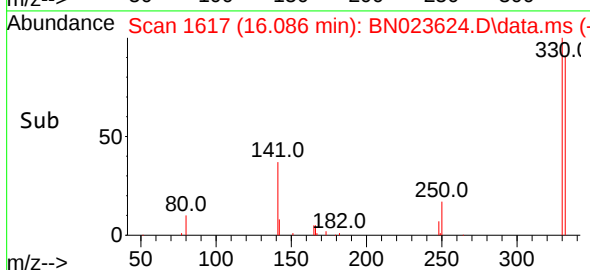
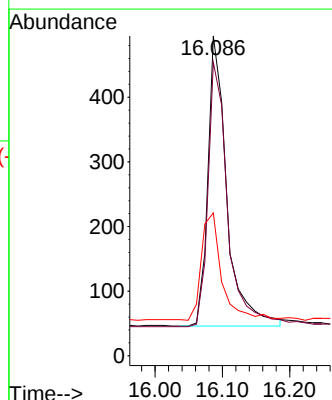
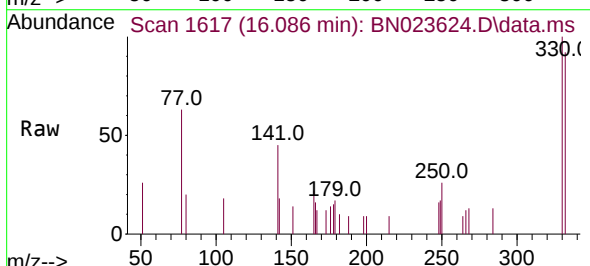
Tgt Ion:330 Resp: 880

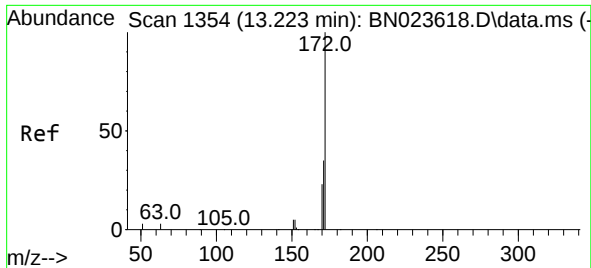
Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 38.6 33.4 50.0

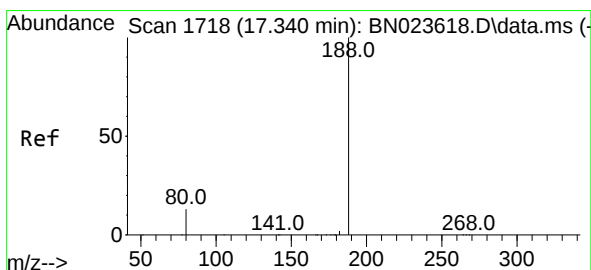
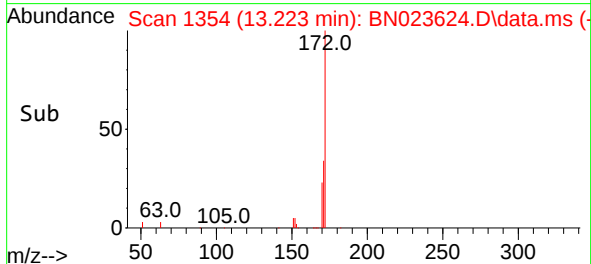
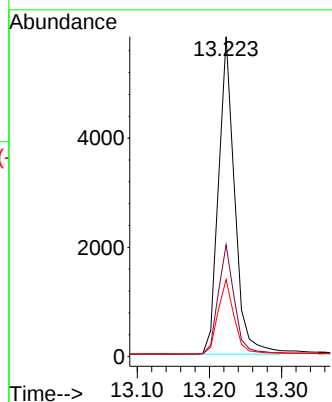
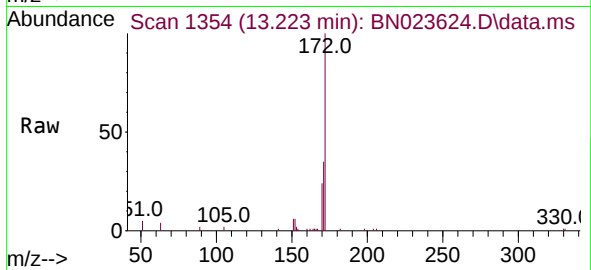




#15  
2-Fluorobiphenyl  
Concen: 0.307 ng  
RT: 13.223 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

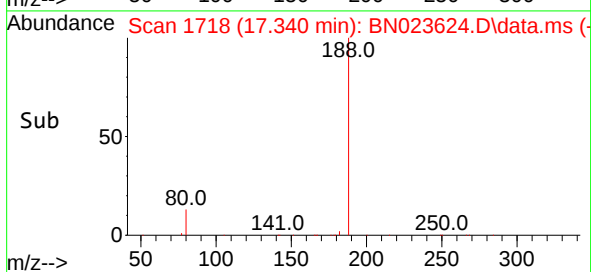
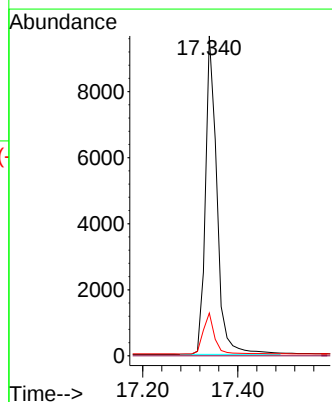
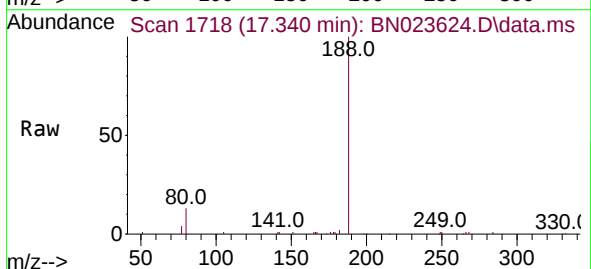
Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

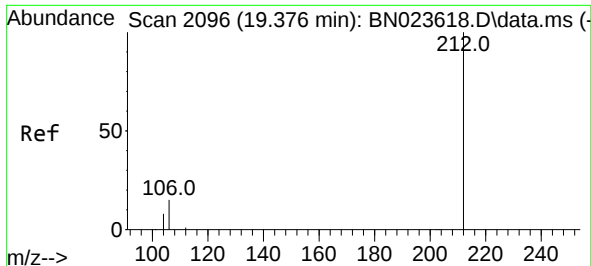
Tgt Ion:172 Resp: 9075  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.0 42.0  
170 24.1 19.0 28.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.340 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

Tgt Ion:188 Resp: 16131  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.4 11.0 16.4

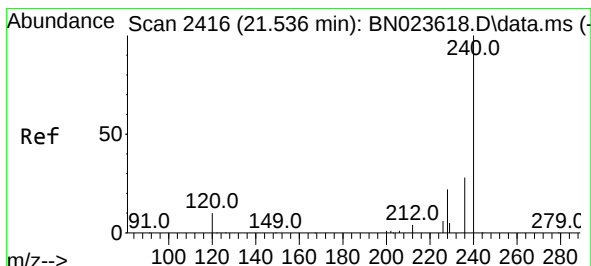
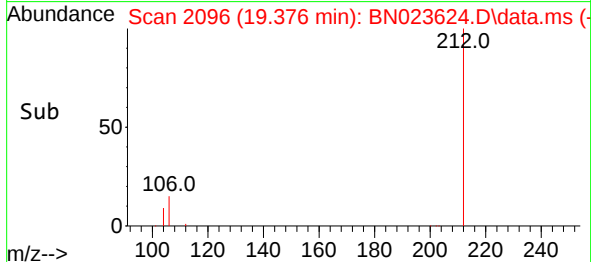
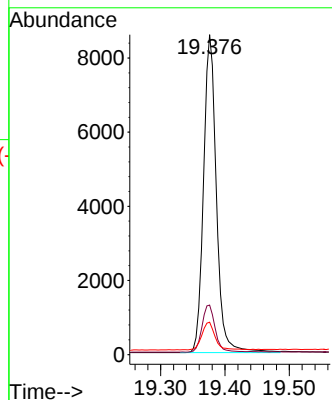
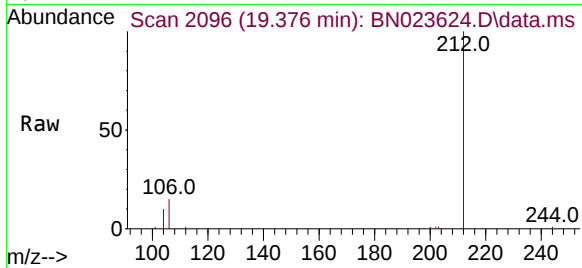




#27  
Fluoranthene-d10  
Concen: 0.301 ng  
RT: 19.376 min Scan# 2096  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

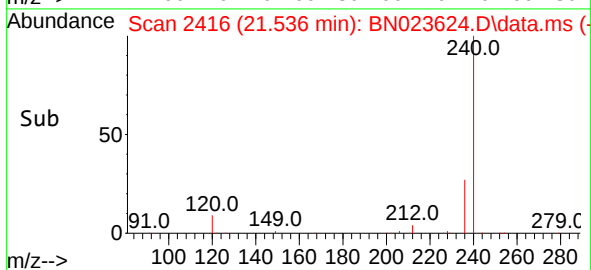
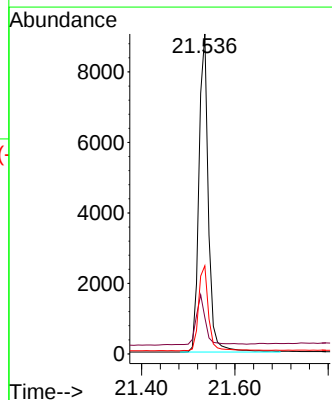
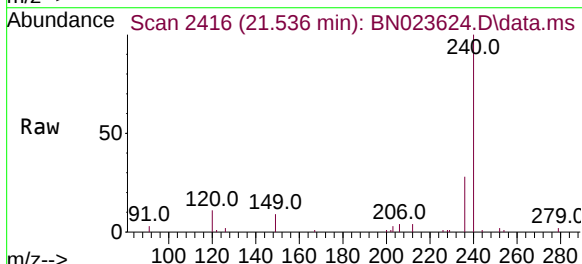
Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL

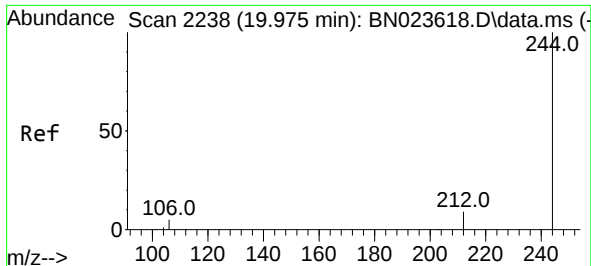
Tgt Ion:212 Resp: 11878  
Ion Ratio Lower Upper  
212 100  
106 15.1 12.2 18.4  
104 8.9 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.536 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

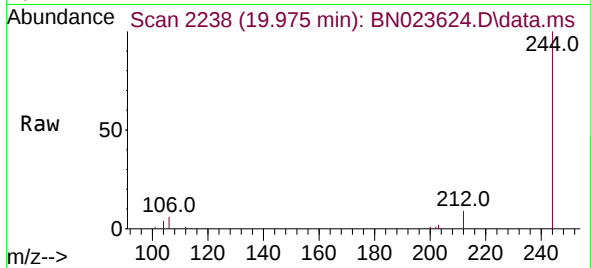
Tgt Ion:240 Resp: 12727  
Ion Ratio Lower Upper  
240 100  
120 11.4 10.6 15.8  
236 27.5 23.0 34.6



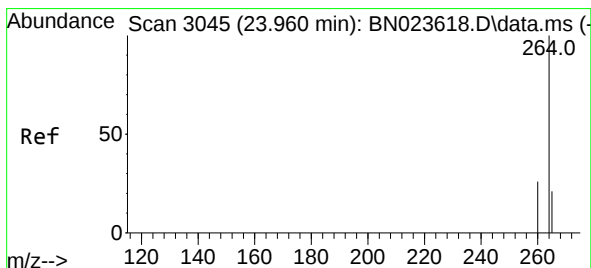
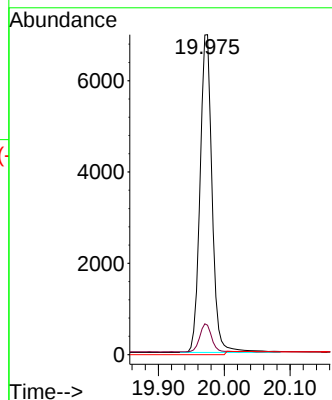


#31  
Terphenyl-d14  
Concen: 0.378 ng  
RT: 19.975 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

Instrument :  
BNA\_N  
ClientSampleId :  
PB150174BL



Tgt Ion:244 Resp: 12170  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.5 11.3  
122 0.0 0.0 0.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.957 min Scan# 3044  
Delta R.T. -0.003 min  
Lab File: BN023624.D  
Acq: 11 Jan 2023 23:15

Tgt Ion:264 Resp: 9552  
Ion Ratio Lower Upper  
264 100  
260 27.4 21.4 32.2  
265 71.5 56.6 85.0

