

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
 Data File : BN020630.D  
 Acq On : 02 Jul 2022 15:43  
 Operator : CG/JU  
 Sample : N3485-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20220623

Quant Time: Jul 04 02:39:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

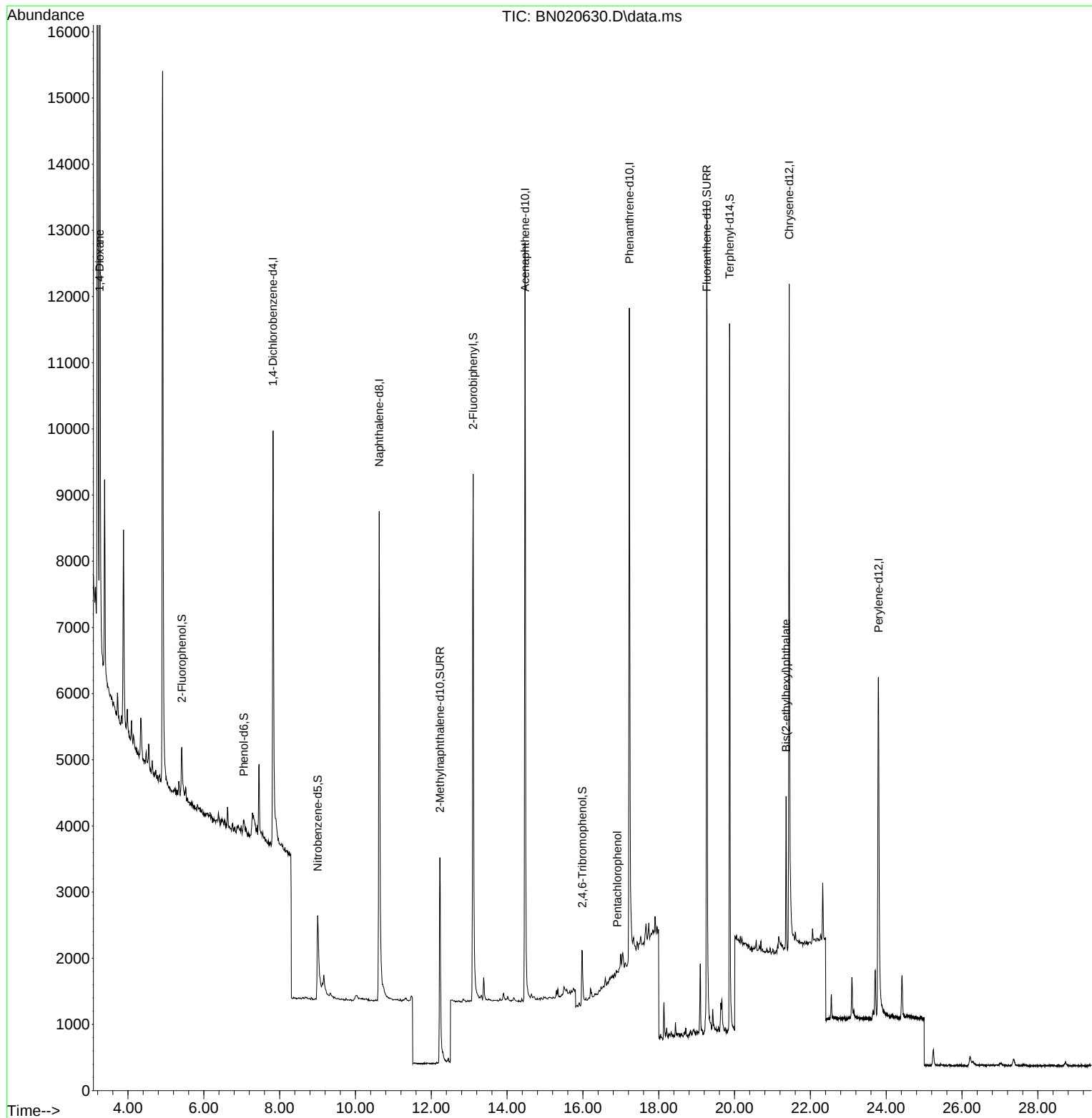
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 4107     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 12618    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7258     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 15455    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.440 | 240  | 11601    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.796 | 264  | 8844     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.421  | 112  | 965      | 0.085 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 525      | 0.039 | ng    | 0.03     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2142     | 0.209 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 5812     | 0.269 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.985 | 330  | 588      | 0.215 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8453     | 0.282 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.270 | 212  | 16146    | 0.352 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 13010    | 0.469 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.254  | 88   | 7632     | 1.418 | ng    | 95       |
| 24) Pentachlorophenol         | 16.908 | 266  | 8        | 0.187 | ng    | # 33     |
| 34) Bis(2-ethylhexyl)phtha... | 21.360 | 149  | 2003     | 0.086 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

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GM38-RW3-MW1-20220623

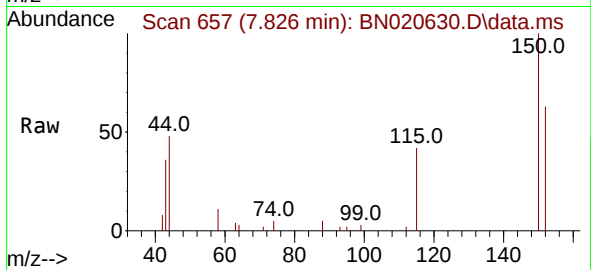
Quant Time: Jul 04 02:39:12 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
Response via : Initial Calibration



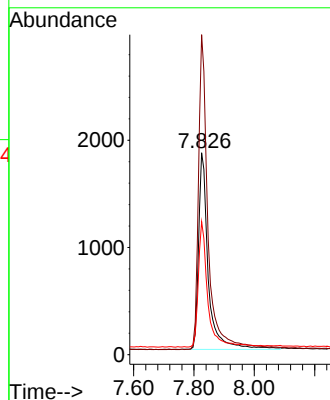
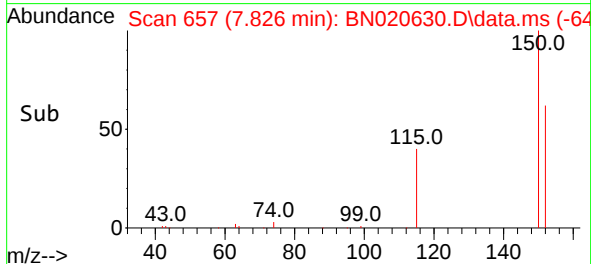


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.826 min Scan# 61  
 Delta R.T. 0.001 min  
 Lab File: BN020630.D  
 Acq: 02 Jul 2022 15:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20220623

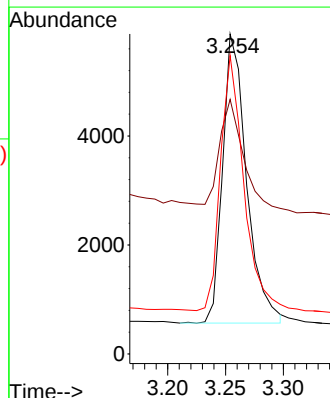
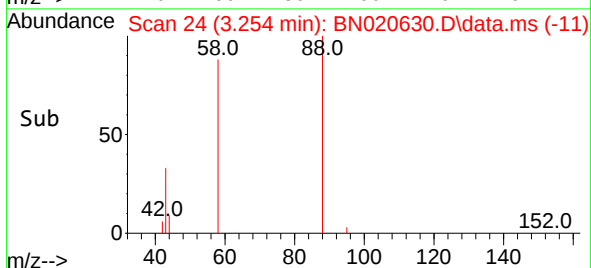
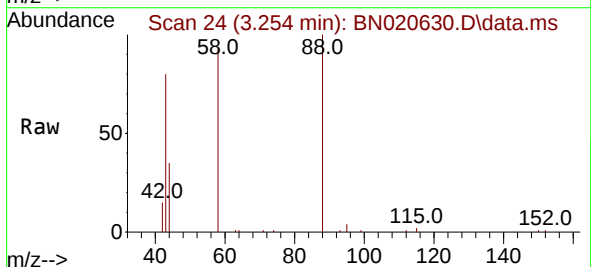


Tgt Ion:152 Resp: 4107  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 127.9 191.9  
 115 65.9 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 1.418 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. -0.007 min  
 Lab File: BN020630.D  
 Acq: 02 Jul 2022 15:43

Tgt Ion: 88 Resp: 7632  
 Ion Ratio Lower Upper  
 88 100  
 43 36.5 30.2 45.2  
 58 85.5 73.0 109.6

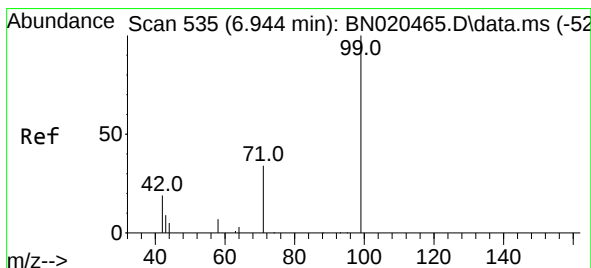
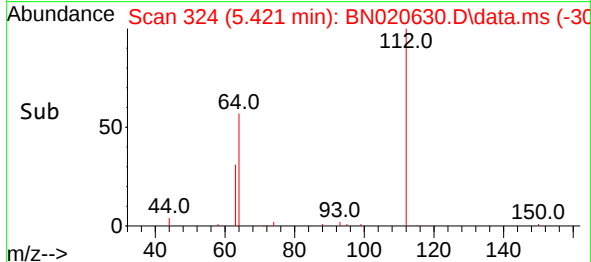
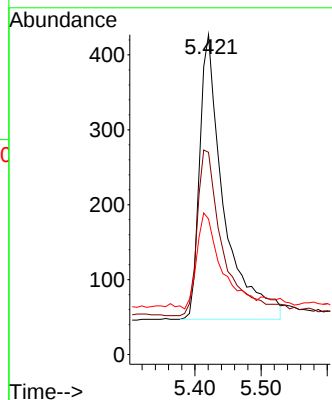
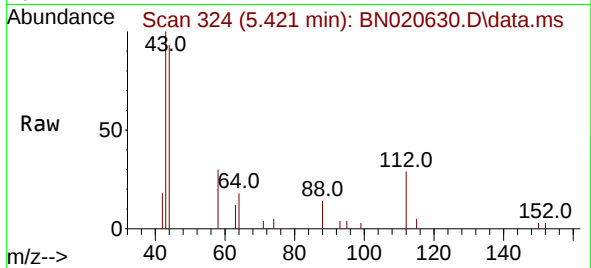




#4  
2-Fluorophenol  
Concen: 0.085 ng  
RT: 5.421 min Scan# 314  
Delta R.T. 0.007 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

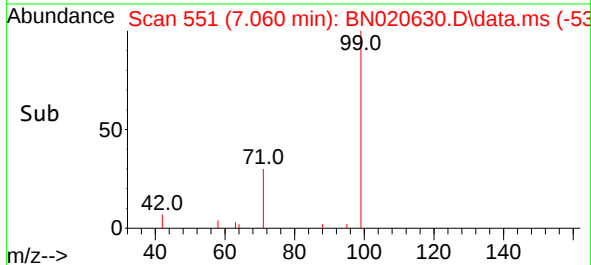
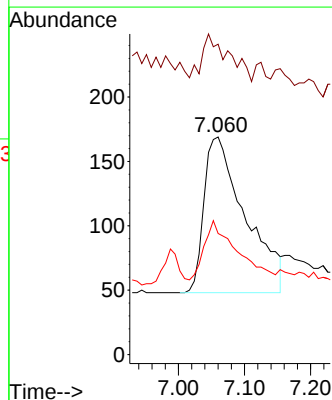
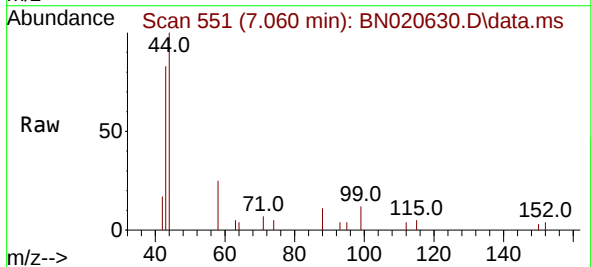
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20220623

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 965   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 63.2  | 49.1  | 73.7  |
| 63       | 34.6  | 26.3  | 39.5  |



#5  
Phenol-d6  
Concen: 0.039 ng  
RT: 7.060 min Scan# 551  
Delta R.T. 0.029 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 525   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.8  | 19.3  | 28.9  |
| 71       | 30.5  | 27.5  | 41.3  |

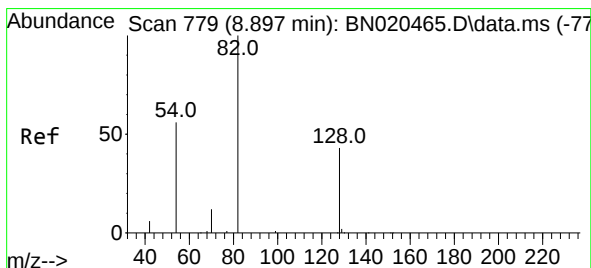
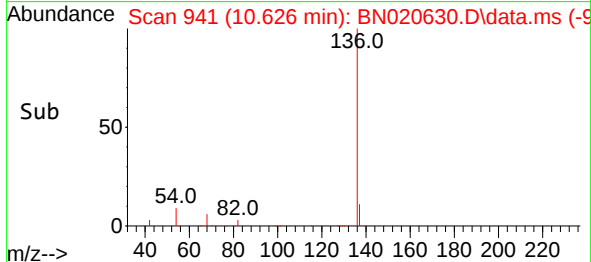
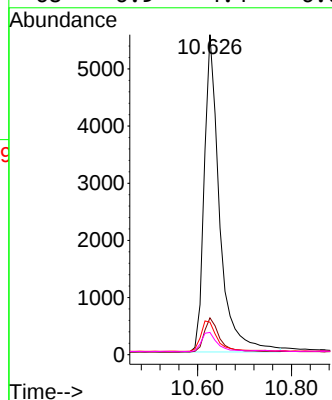
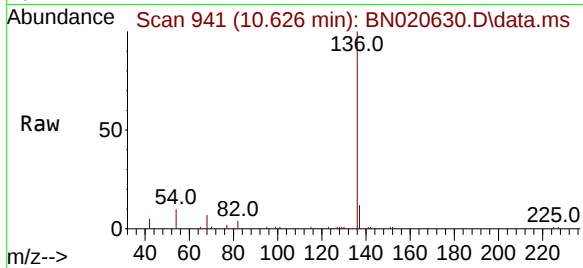




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

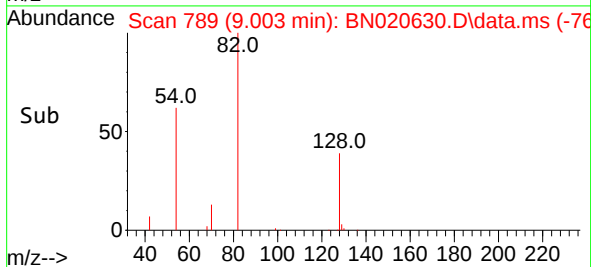
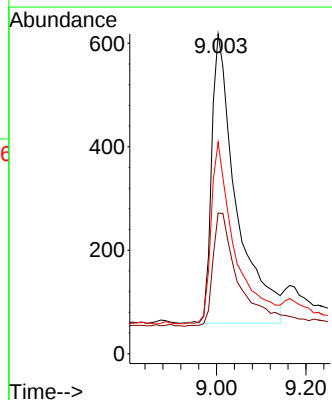
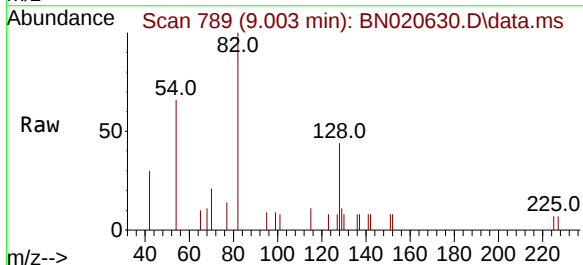
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20220623

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12618 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.0   | 13.6  |
| 54       | 10.2  | 6.2   | 9.2#  |
| 68       | 6.9   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.209 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2142  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.0  | 35.0  | 52.6  |
| 54       | 66.2  | 46.2  | 69.4  |

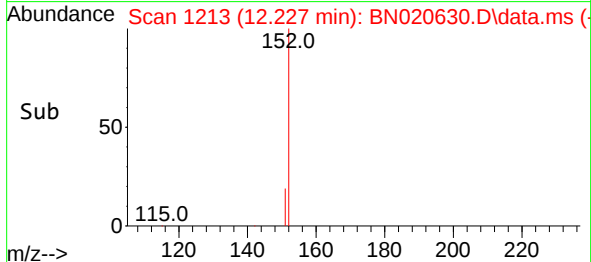
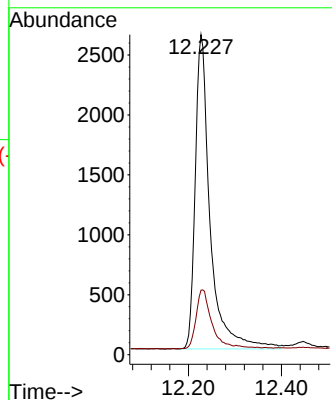
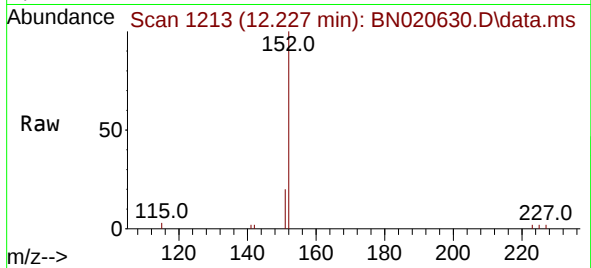




#11  
2-Methylnaphthalene-d10  
Concen: 0.269 ng  
RT: 12.227 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

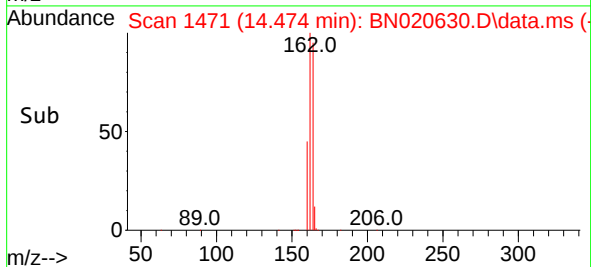
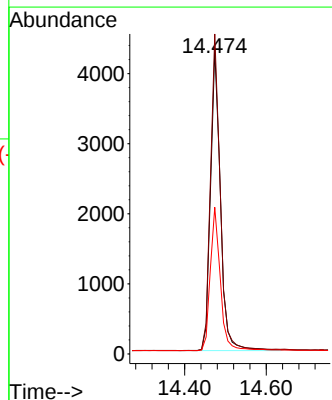
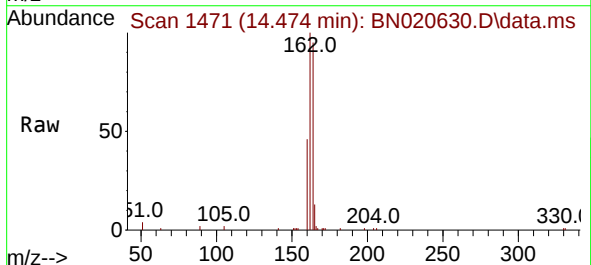
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20220623

Tgt Ion:152 Resp: 5812  
Ion Ratio Lower Upper  
152 100  
151 19.2 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

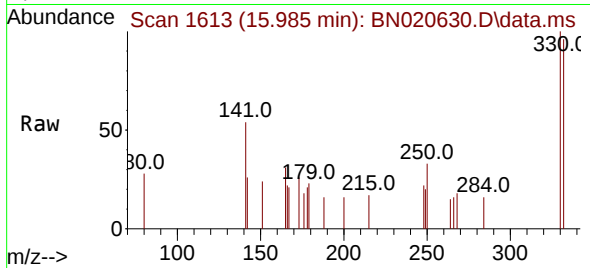
Tgt Ion:164 Resp: 7258  
Ion Ratio Lower Upper  
164 100  
162 105.3 82.1 123.1  
160 48.2 38.6 58.0



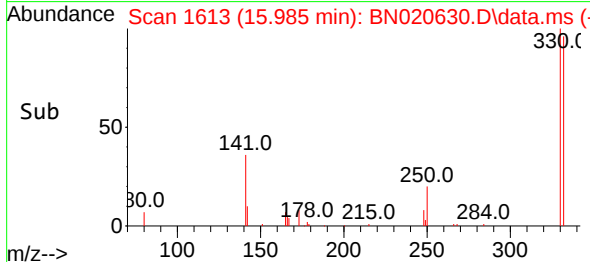
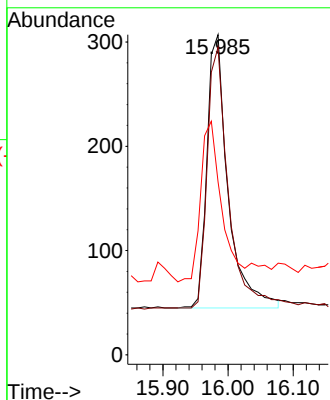


#14  
2,4,6-Tribromophenol  
Concen: 0.215 ng  
RT: 15.985 min Scan# 1613  
Delta R.T. 0.010 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20220623

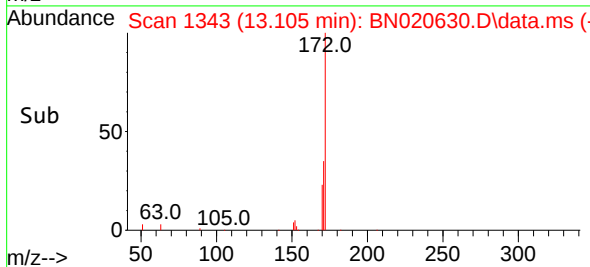
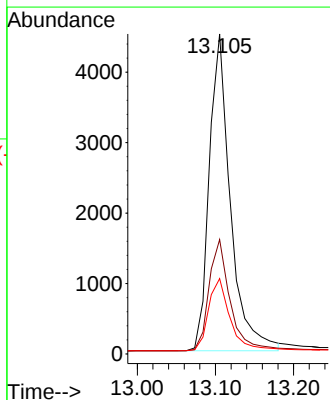
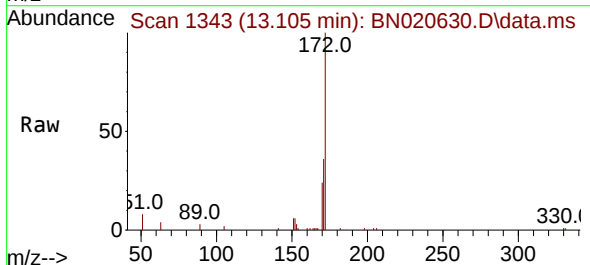


Tgt Ion:330 Resp: 588  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.6 116.4  
141 58.2 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.282 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

Tgt Ion:172 Resp: 8453  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.2 40.8  
170 23.6 18.2 27.4

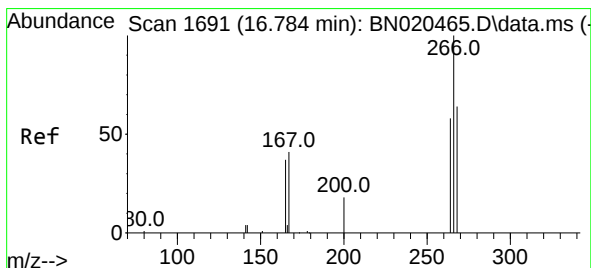
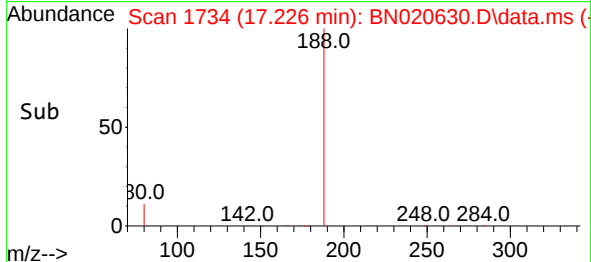
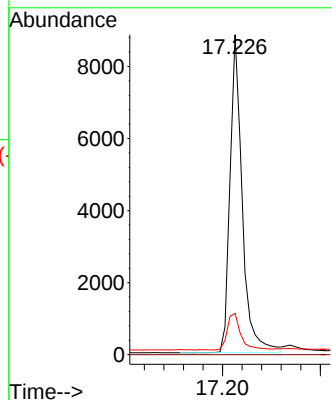
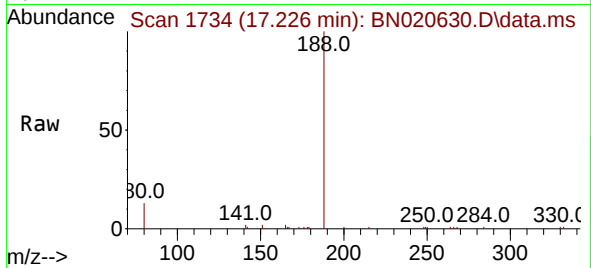




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

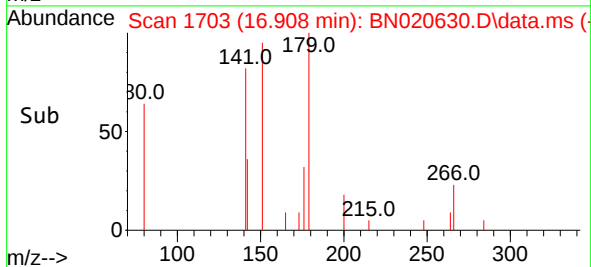
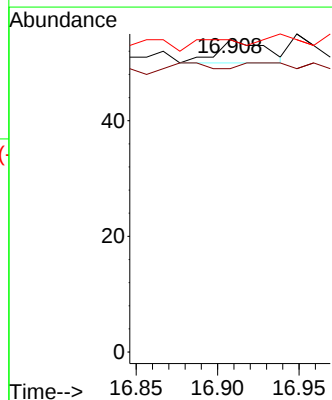
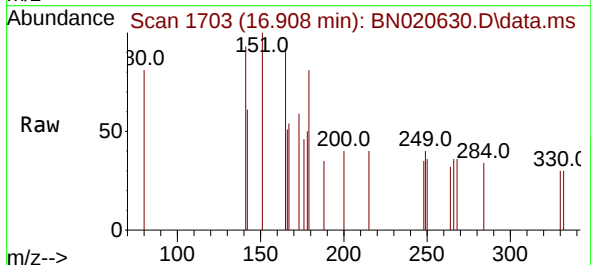
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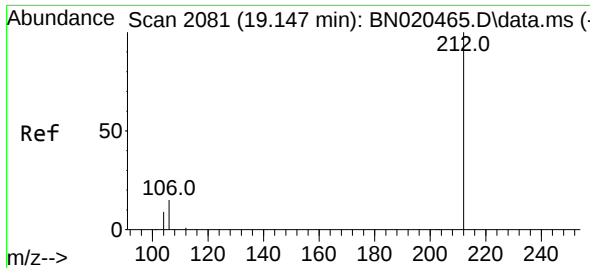
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.9 7.4 11.2#



#24  
Pentachlorophenol  
Concen: 0.187 ng  
RT: 16.908 min Scan# 1703  
Delta R.T. 0.010 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

Tgt Ion:266 Resp: 8  
Ion Ratio Lower Upper  
266 100  
264 25.0 51.3 76.9#  
268 0.0 52.6 79.0#

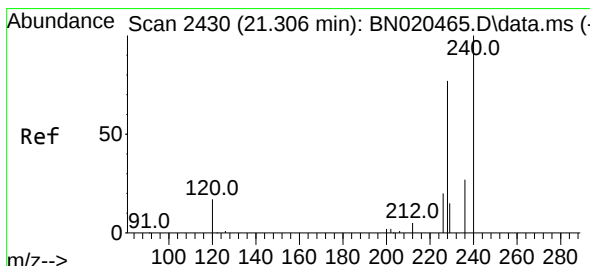
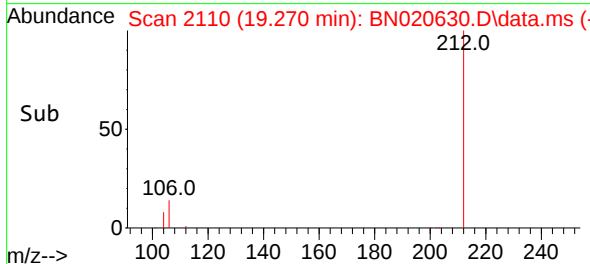
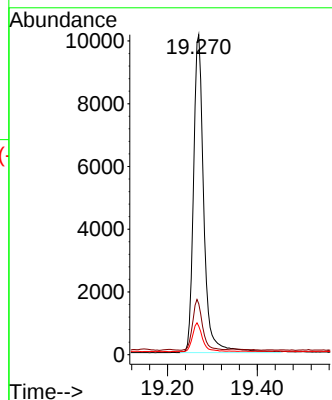
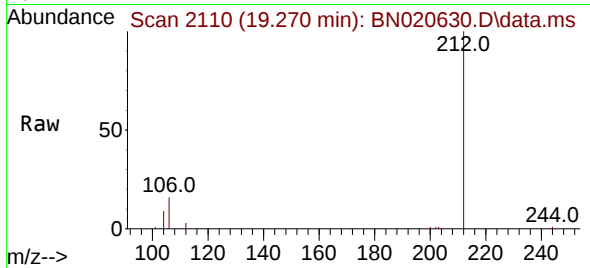




#27  
Fluoranthene-d10  
Concen: 0.352 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

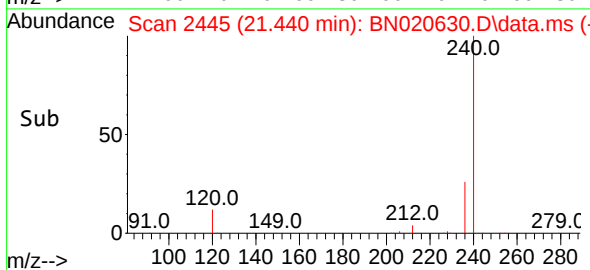
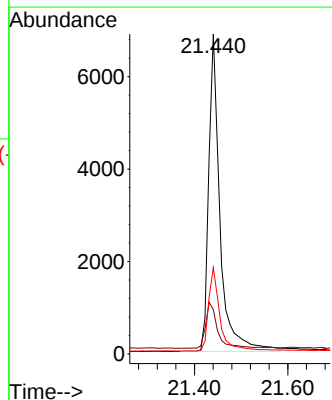
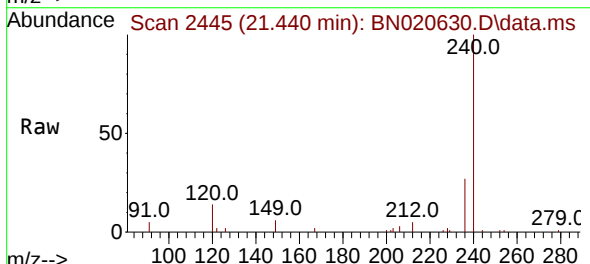
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20220623

Tgt Ion:212 Resp: 16146  
Ion Ratio Lower Upper  
212 100  
106 15.2 12.6 19.0  
104 8.8 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.440 min Scan# 2445  
Delta R.T. 0.009 min  
Lab File: BN020630.D  
Acq: 02 Jul 2022 15:43

Tgt Ion:240 Resp: 11601  
Ion Ratio Lower Upper  
240 100  
120 13.9 14.6 21.8#  
236 27.0 22.6 33.8

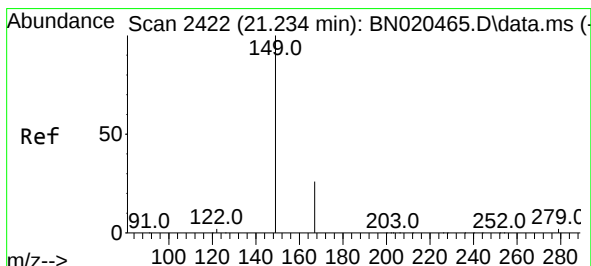
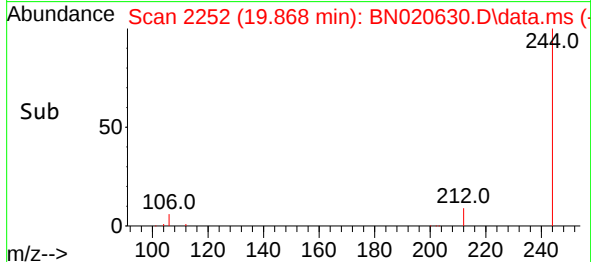
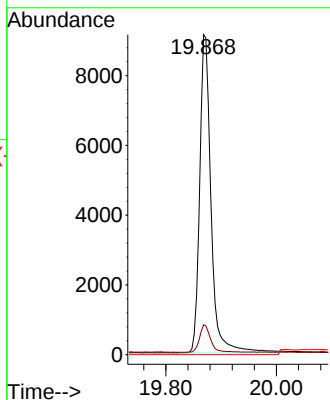
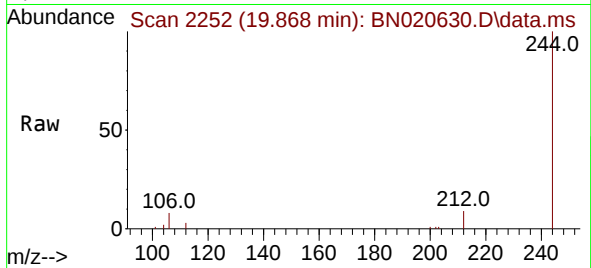




#31  
 Terphenyl-d14  
 Concen: 0.469 ng  
 RT: 19.868 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN020630.D  
 Acq: 02 Jul 2022 15:43

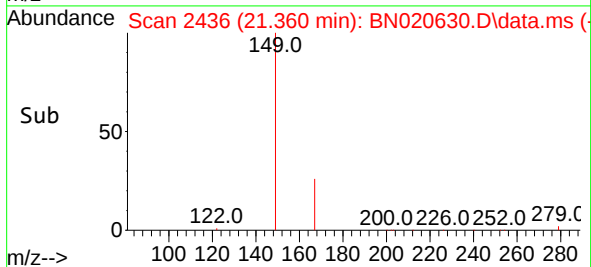
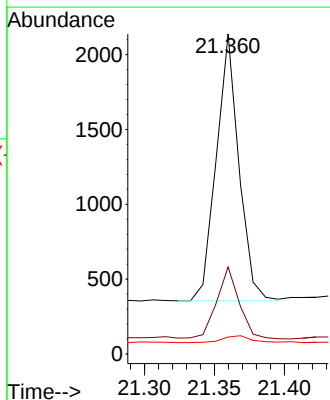
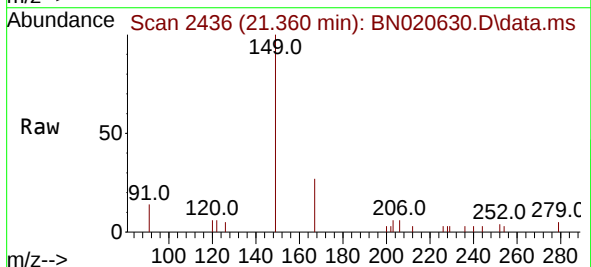
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20220623

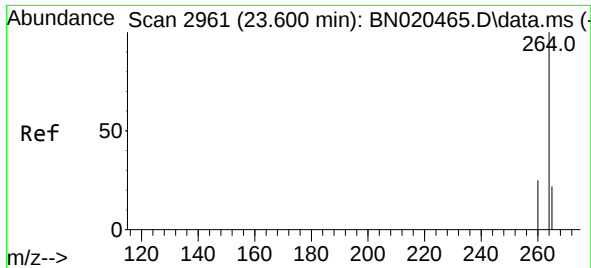
Tgt Ion:244 Resp: 13010  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.086 ng  
 RT: 21.360 min Scan# 2436  
 Delta R.T. 0.009 min  
 Lab File: BN020630.D  
 Acq: 02 Jul 2022 15:43

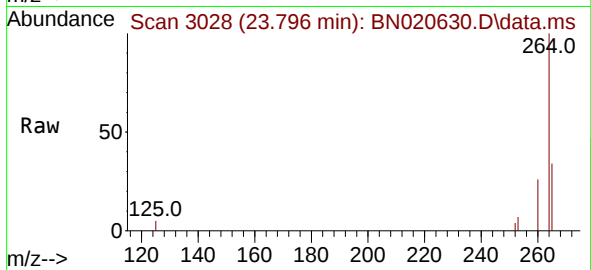
Tgt Ion:149 Resp: 2003  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 21.7 32.5  
 279 3.4 2.2 3.2#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.796 min Scan# 30  
 Delta R.T. 0.006 min  
 Lab File: BN020630.D  
 Acq: 02 Jul 2022 15:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20220623



Tgt Ion: 264 Resp: 8844

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.1  | 20.9  | 31.3  |
| 265 | 34.1  | 28.0  | 42.0  |

