

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052623\  
 Data File : BN025704.D  
 Acq On : 29 May 2023 05:56  
 Operator : CG/JU  
 Sample : 02944-02  
 Misc :  
 ALS Vial : 103 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-318-320

Quant Time: May 29 06:29:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 29 00:47:45 2023  
 Response via : Initial Calibration

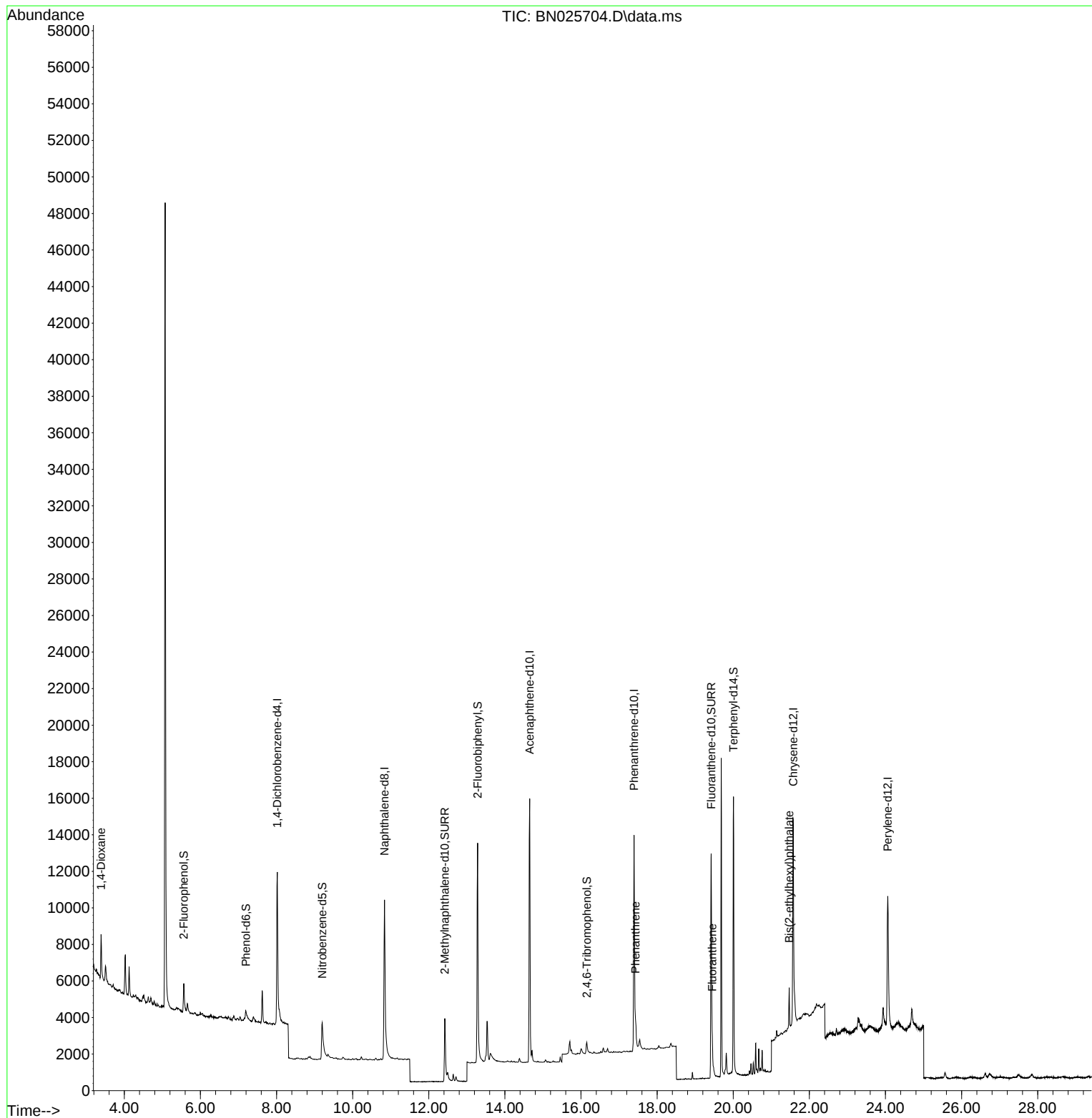
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.019  | 152  | 5386     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.835 | 136  | 15427    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.651 | 164  | 9158     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.393 | 188  | 19007    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.578 | 240  | 13517    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.060 | 264  | 13005    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.564  | 112  | 1814     | 0.131 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.196  | 99   | 1243     | 0.075 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.201  | 82   | 3478     | 0.269 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.423 | 152  | 6922     | 0.315 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 489      | 0.264 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.283 | 172  | 12666    | 0.335 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.421 | 212  | 16443    | 0.382 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.006 | 244  | 14721    | 0.497 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.390  | 88   | 1570     | 0.252 | ng    | # 81     |
| 25) Phenanthrene              | 17.430 | 178  | 1359     | 0.023 | ng    | 94       |
| 28) Fluoranthene              | 19.449 | 202  | 1270     | 0.020 | ng    | # 81     |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149  | 2291     | 0.075 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 29 00:47:45 2023  
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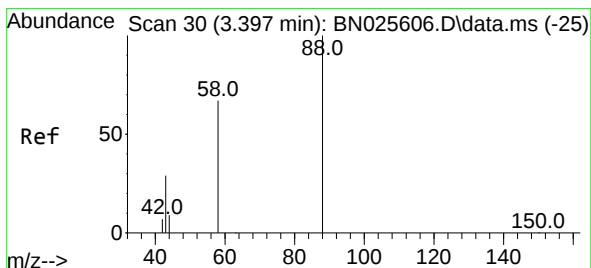
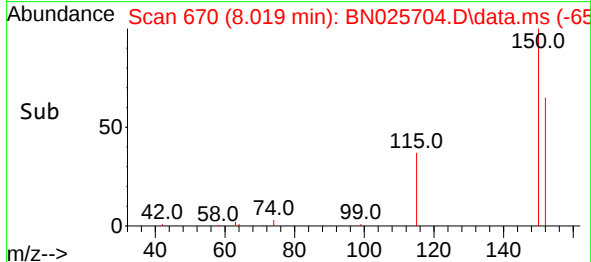
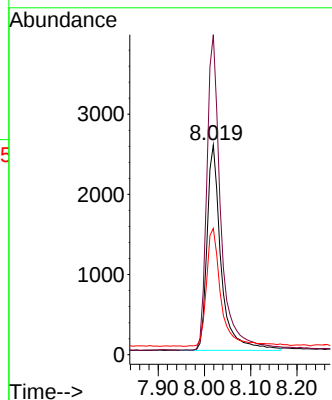
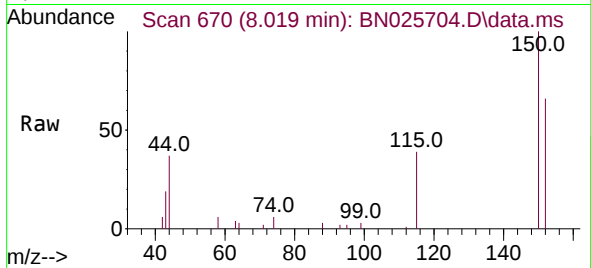




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.019 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN025704.D  
 Acq: 29 May 2023 05:56

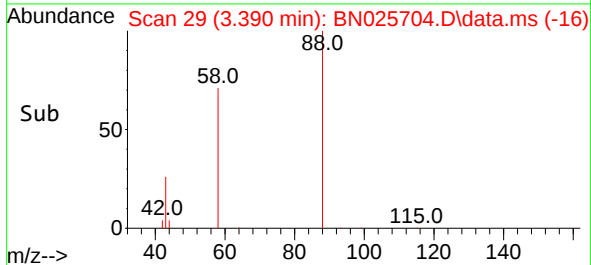
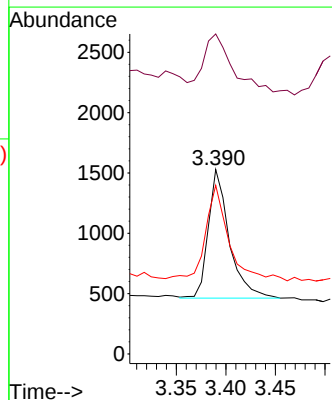
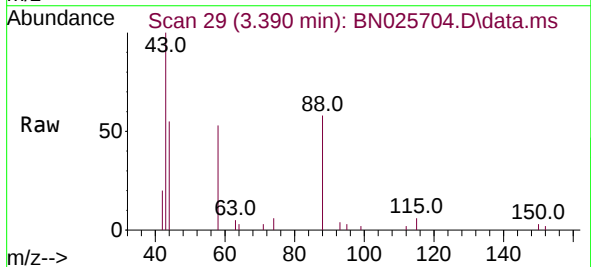
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-318-320

Tgt Ion:152 Resp: 5386  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 121.0 181.6  
 115 60.2 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 0.252 ng  
 RT: 3.390 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN025704.D  
 Acq: 29 May 2023 05:56

Tgt Ion: 88 Resp: 1570  
 Ion Ratio Lower Upper  
 88 100  
 43 61.1 26.5 39.7#  
 58 75.4 56.8 85.2

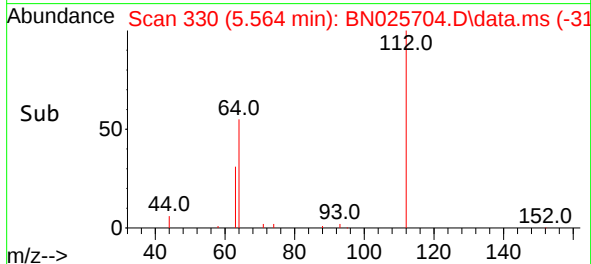
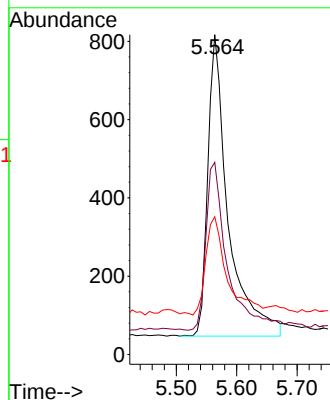
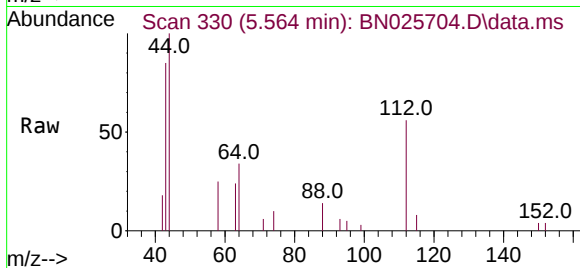




#4  
2-Fluorophenol  
Concen: 0.131 ng  
RT: 5.564 min Scan# 311  
Delta R.T. 0.007 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

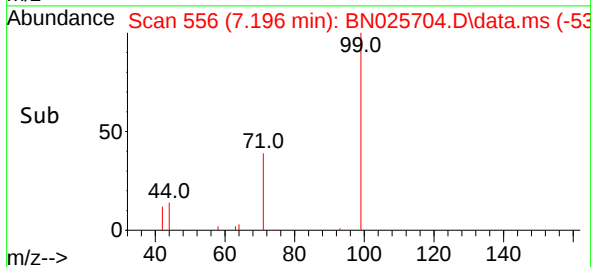
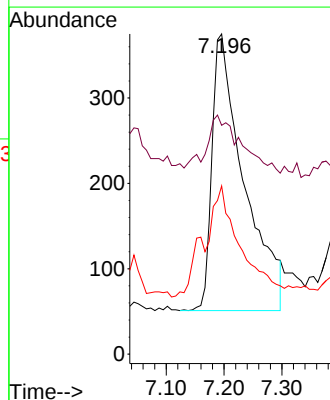
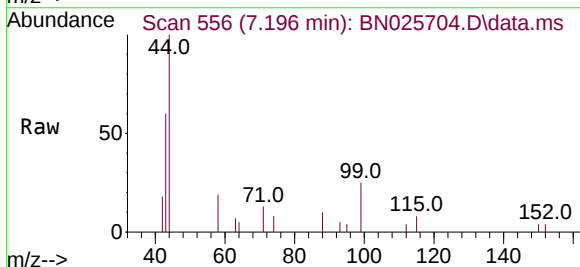
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-318-320

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1814  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 58.9  | 45.7  | 68.5  |
| 63       | 33.9  | 26.2  | 39.2  |



#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 7.196 min Scan# 556  
Delta R.T. 0.021 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1243  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.0  | 17.1  | 25.7  |
| 71       | 45.2  | 29.3  | 43.9  |

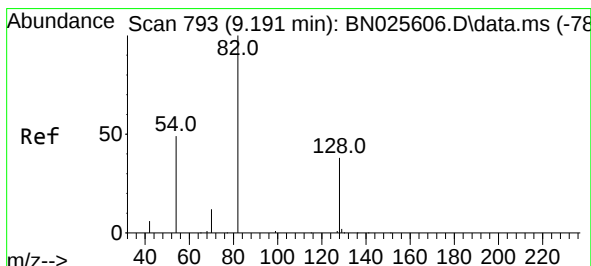
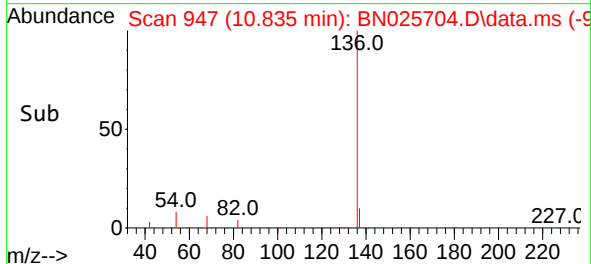
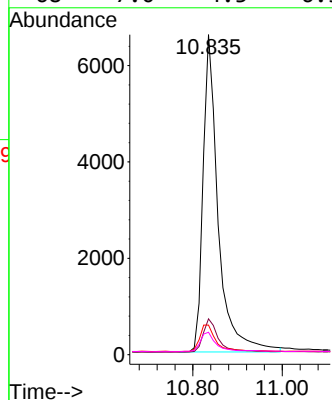
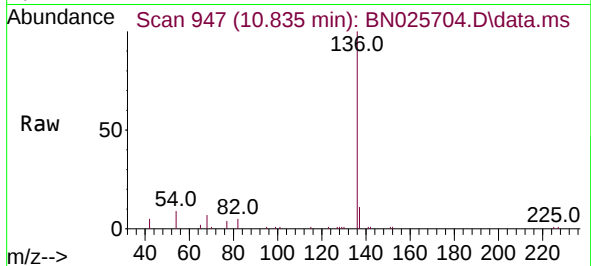




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.835 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

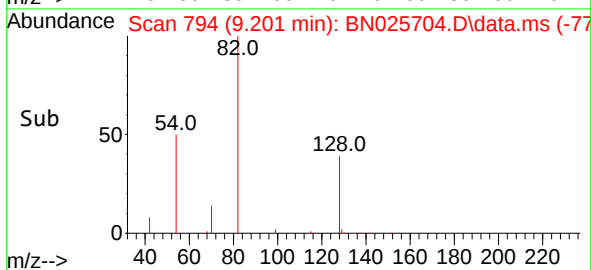
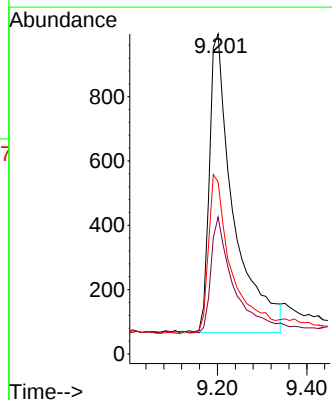
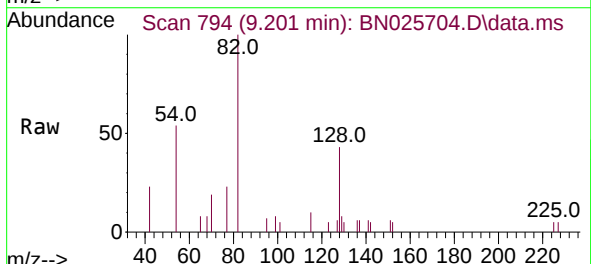
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-318-320

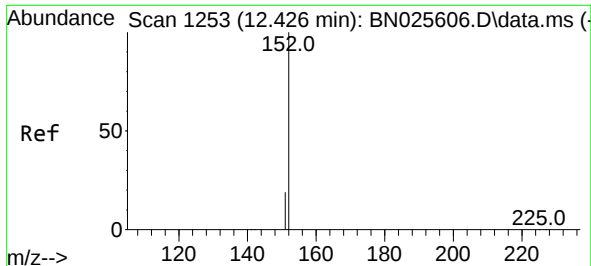
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15427 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.1   | 13.7  |
| 54        | 9.3   | 5.4   | 8.0#  |
| 68        | 7.0   | 4.3   | 6.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.269 ng  
RT: 9.201 min Scan# 794  
Delta R.T. 0.010 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3478 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.8  | 32.5  | 48.7 |
| 54        | 53.8  | 40.6  | 60.8 |

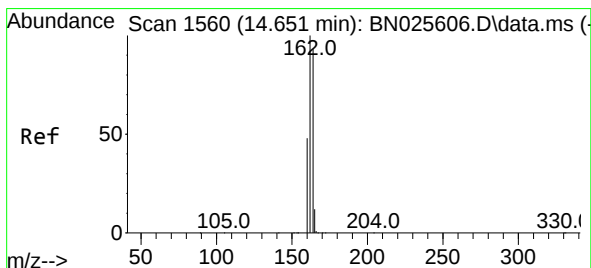
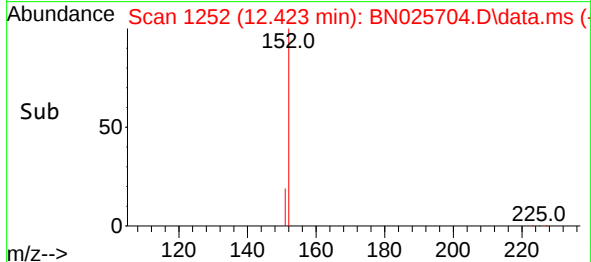
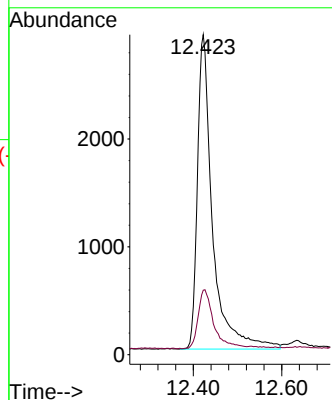
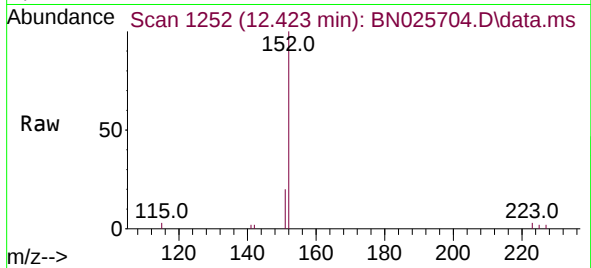




#11  
2-Methylnaphthalene-d10  
Concen: 0.315 ng  
RT: 12.423 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

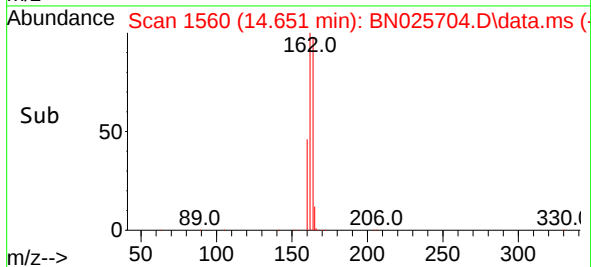
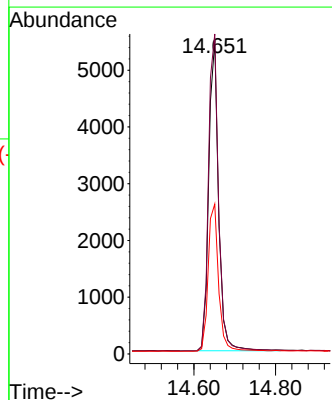
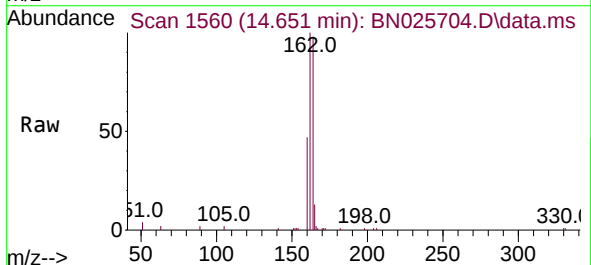
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-318-320

Tgt Ion:152 Resp: 6922  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.651 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

Tgt Ion:164 Resp: 9158  
Ion Ratio Lower Upper  
164 100  
162 102.2 86.4 129.6  
160 47.9 41.9 62.9

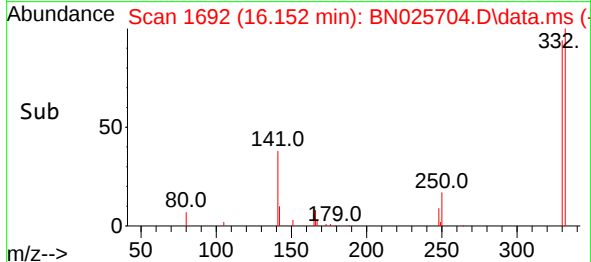
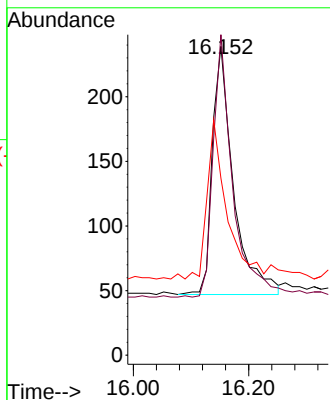
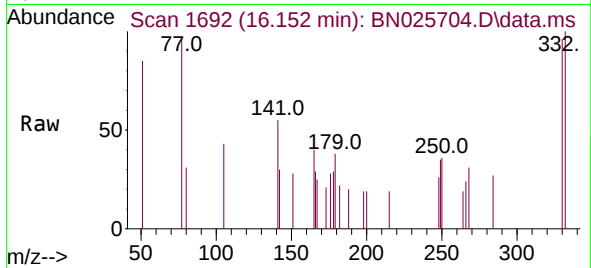




#14  
2,4,6-Tribromophenol  
Concen: 0.264 ng  
RT: 16.152 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

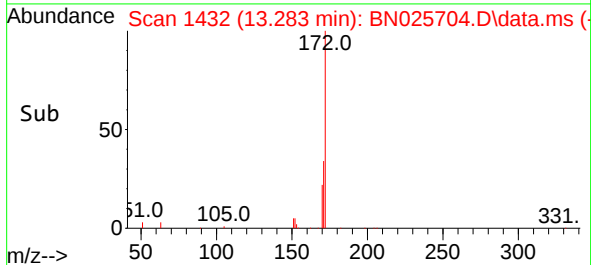
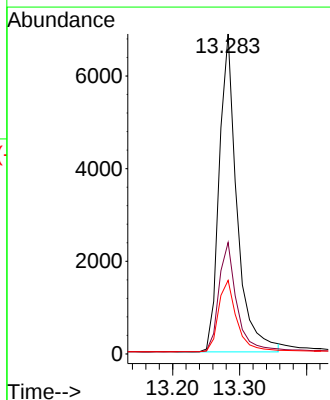
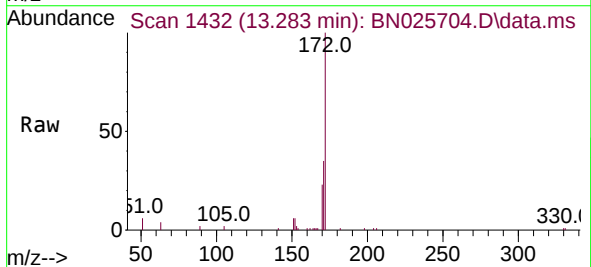
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-318-320

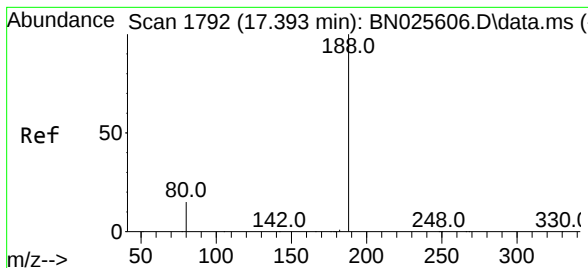
Tgt Ion:330 Resp: 489  
Ion Ratio Lower Upper  
330 100  
332 97.8 80.0 120.0  
141 58.7 45.8 68.6



#15  
2-Fluorobiphenyl  
Concen: 0.335 ng  
RT: 13.283 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

Tgt Ion:172 Resp: 12666  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.6 42.8  
170 23.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-RW11-GW-318-320

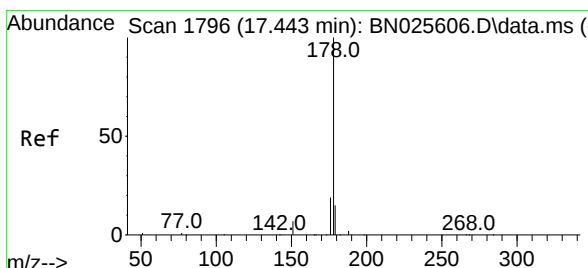
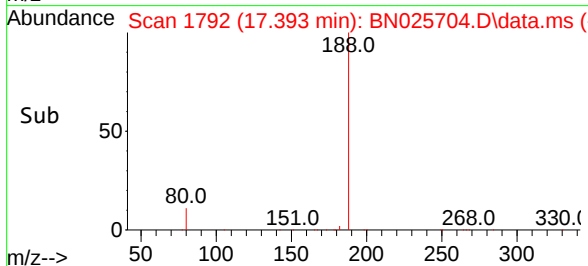
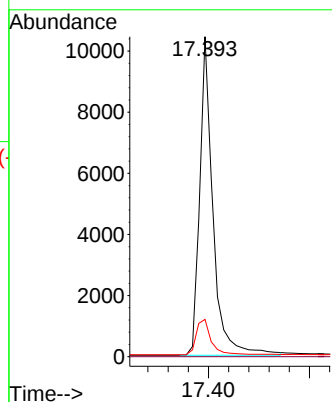
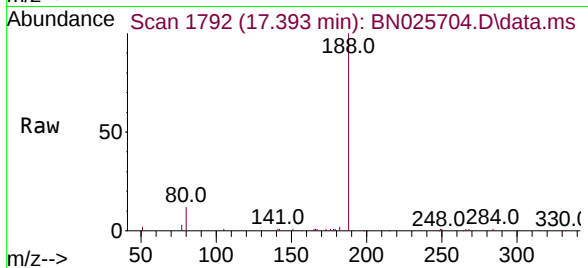
Tgt Ion:188 Resp: 19007

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 12.2 18.2#



#25

Phenanthrene

Concen: 0.023 ng

RT: 17.430 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

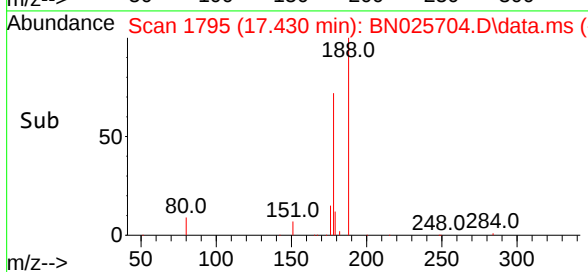
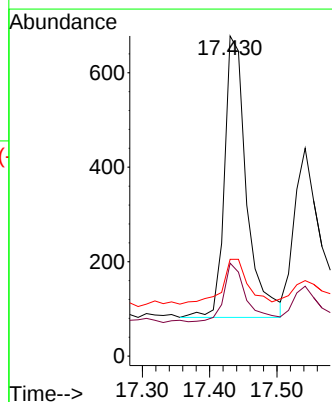
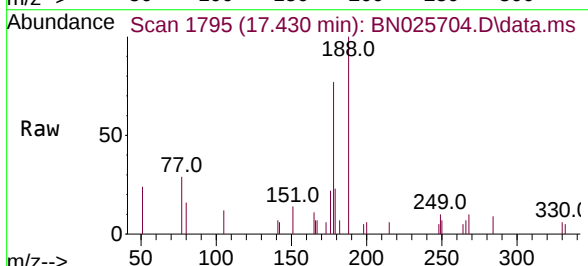
Tgt Ion:178 Resp: 1359

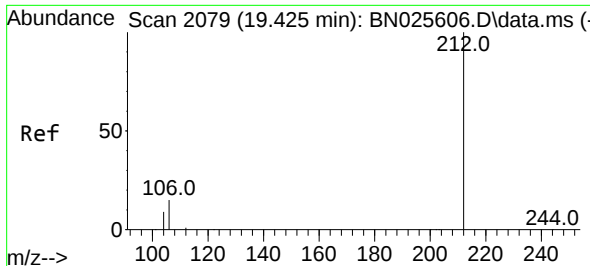
Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.2

179 18.9 12.6 19.0

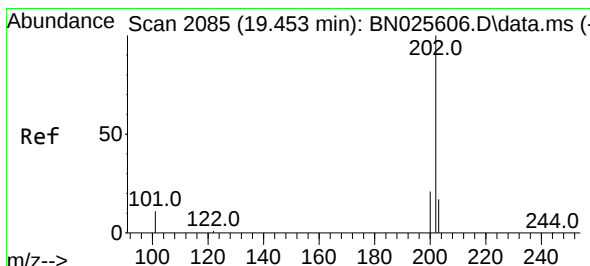
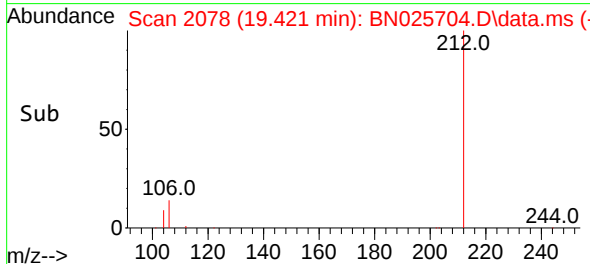
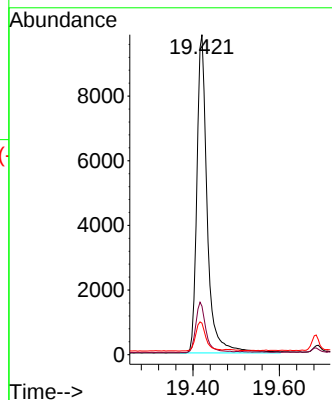
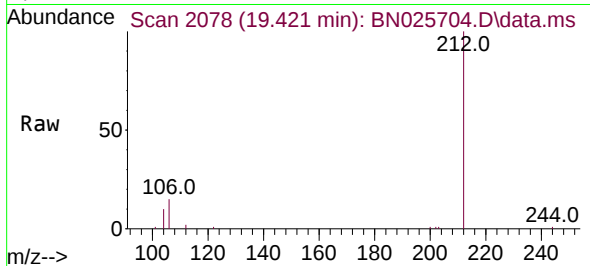




#27  
Fluoranthene-d10  
Concen: 0.382 ng  
RT: 19.421 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

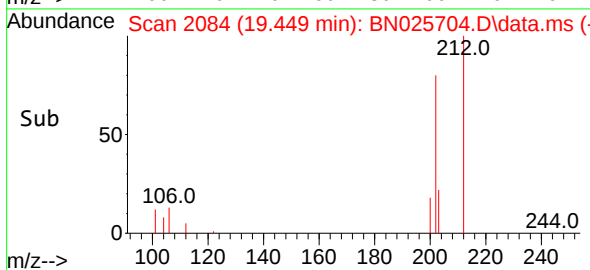
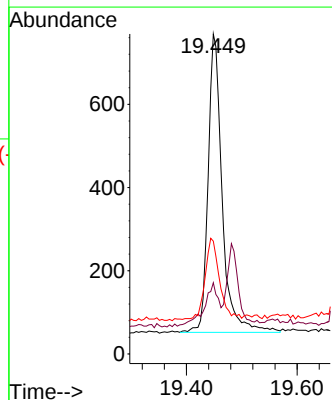
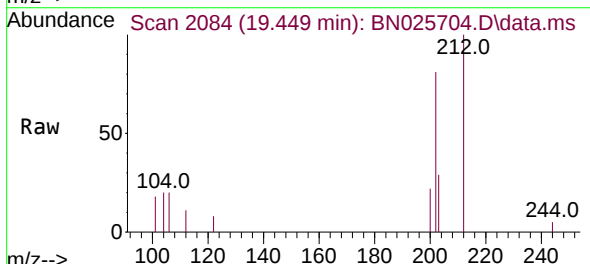
Instrument :  
BNA\_N  
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BP-VPB-RW11-GW-318-320

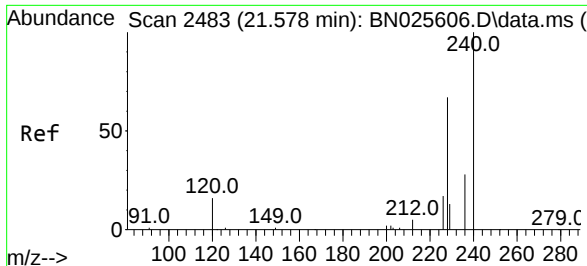
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Ion Ratio Lower Upper  
212 100  
106 15.4 12.3 18.5  
104 9.0 7.2 10.8



#28  
Fluoranthene  
Concen: 0.020 ng  
RT: 19.449 min Scan# 2084  
Delta R.T. -0.005 min  
Lab File: BN025704.D  
Acq: 29 May 2023 05:56

Tgt Ion:202 Resp: 1270  
Ion Ratio Lower Upper  
202 100  
101 14.6 9.2 13.8#  
203 27.9 13.3 19.9#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-RW11-GW-318-320

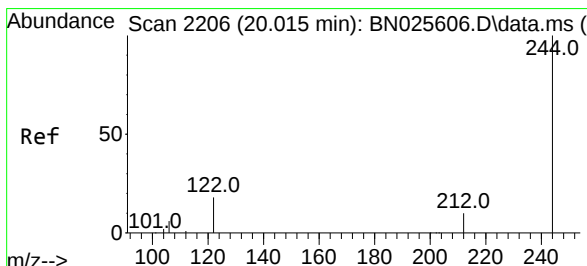
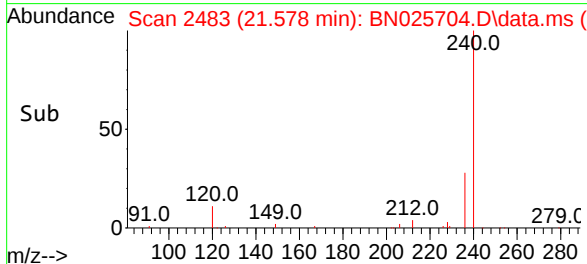
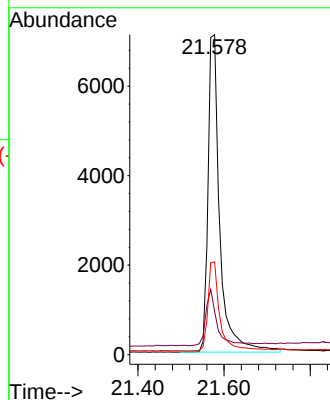
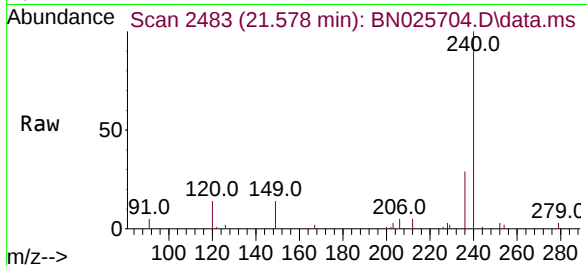
Tgt Ion:240 Resp: 13517

Ion Ratio Lower Upper

240 100

120 13.5 15.4 23.0#

236 29.0 23.2 34.8



#31

Terphenyl-d14

Concen: 0.497 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.010 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

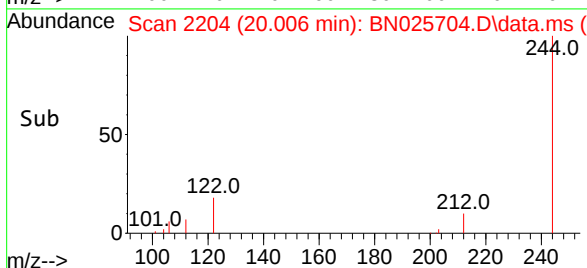
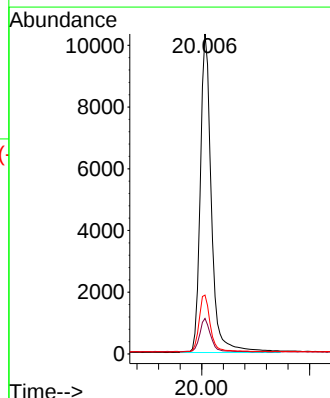
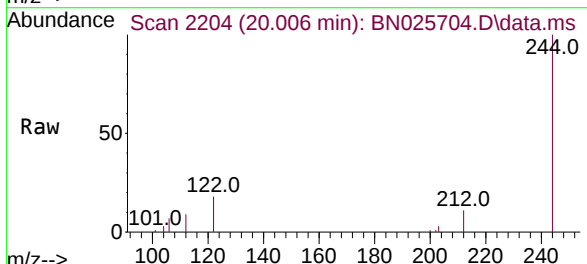
Tgt Ion:244 Resp: 14721

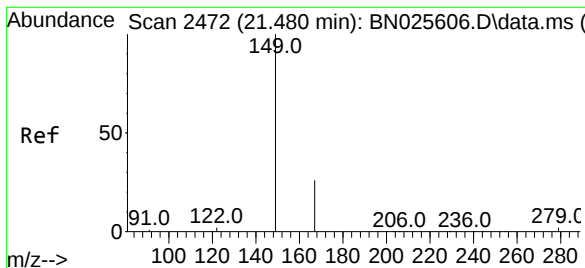
Ion Ratio Lower Upper

244 100

212 11.1 8.5 12.7

122 18.4 14.9 22.3

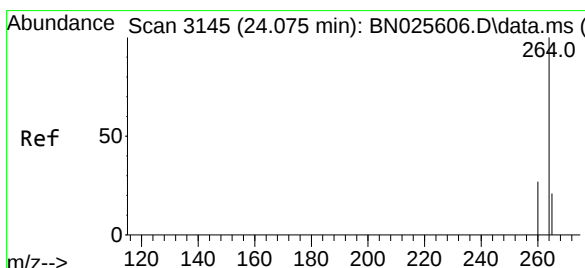
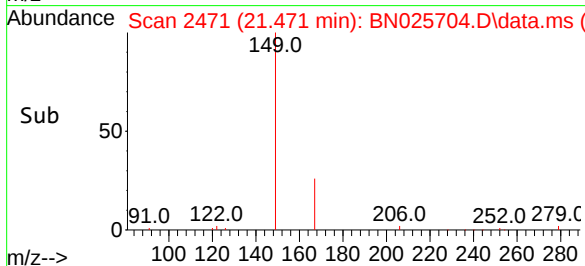
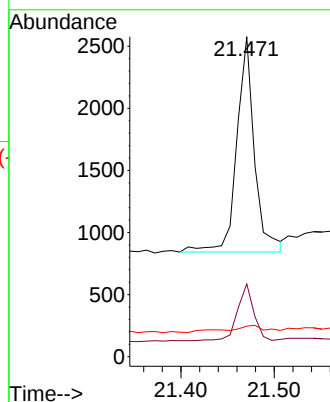
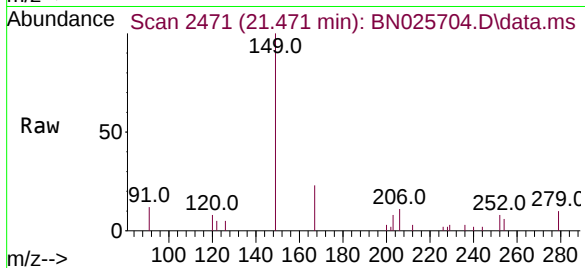




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.075 ng  
 RT: 21.471 min Scan# 2471  
 Delta R.T. -0.000 min  
 Lab File: BN025704.D  
 Acq: 29 May 2023 05:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-318-320

Tgt Ion:149 Resp: 2291  
 Ion Ratio Lower Upper  
 149 100  
 167 24.4 20.4 30.6  
 279 2.9 3.3 4.9#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.060 min Scan# 3140  
 Delta R.T. -0.009 min  
 Lab File: BN025704.D  
 Acq: 29 May 2023 05:56

Tgt Ion:264 Resp: 13005  
 Ion Ratio Lower Upper  
 264 100  
 260 27.8 22.3 33.5  
 265 55.3 54.3 81.5

