

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121222\  
 Data File : BN023129.D  
 Acq On : 12 Dec 2022 11:07  
 Operator : CG/JU  
 Sample : PB149063BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149063BL

Quant Time: Dec 12 15:45:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 12 05:18:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.021  | 152  | 6255     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.840 | 136  | 17883    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.656 | 164  | 8924     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.402 | 188  | 19878    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.589 | 240  | 14660    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 24.050 | 264  | 12077    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.558  | 112  | 5572     | 0.478 | ng    | 0.00     |
| 5) Phenol-d6                | 7.168  | 99   | 6851     | 0.463 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.185  | 82   | 4413     | 0.375 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.424 | 152  | 10590    | 0.349 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.148 | 330  | 897      | 0.277 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.287 | 172  | 14457    | 0.406 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.435 | 212  | 16725    | 0.359 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.031 | 244  | 9873     | 0.415 | ng    | 0.00     |

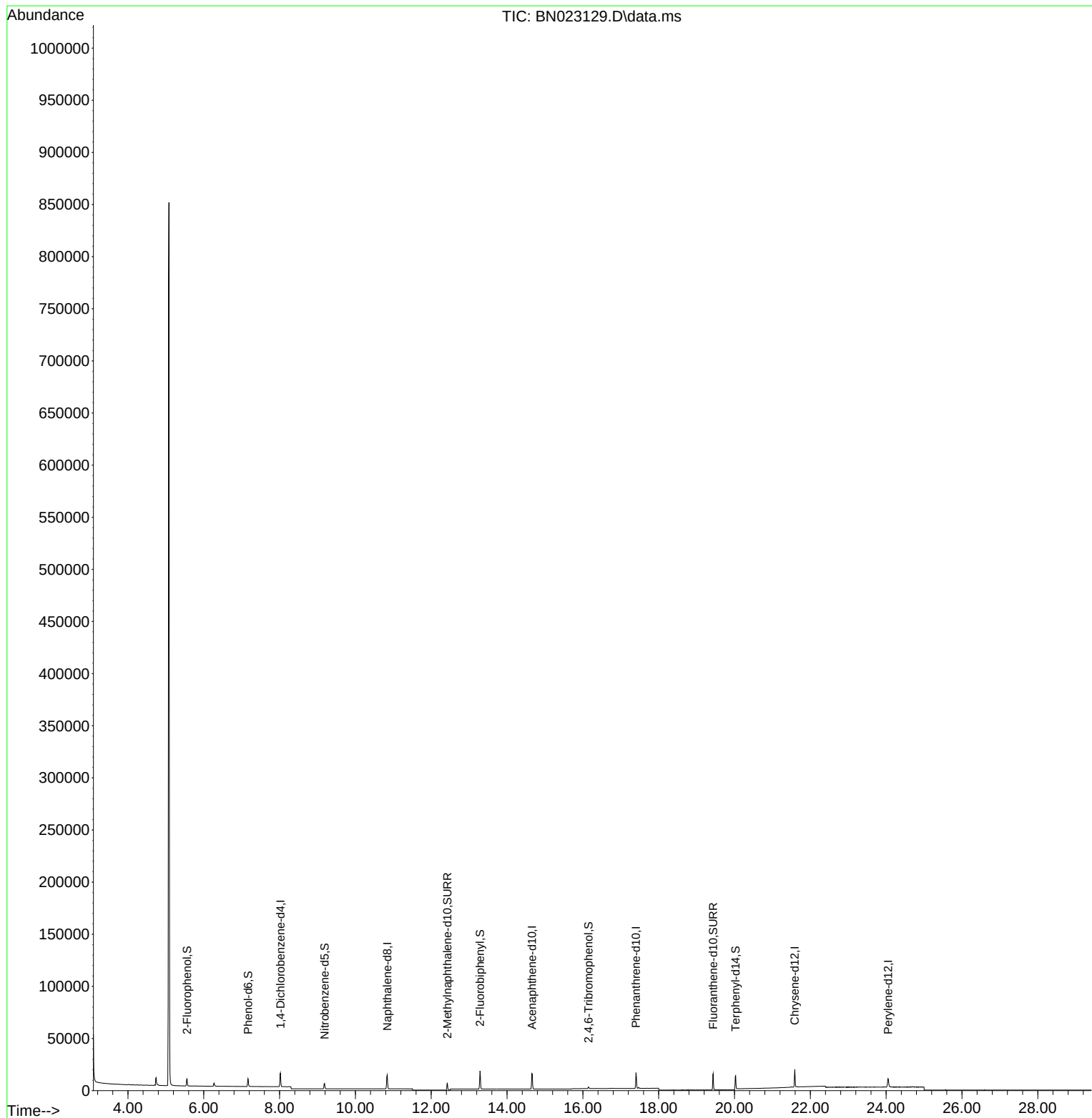
Target Compounds Qvalue

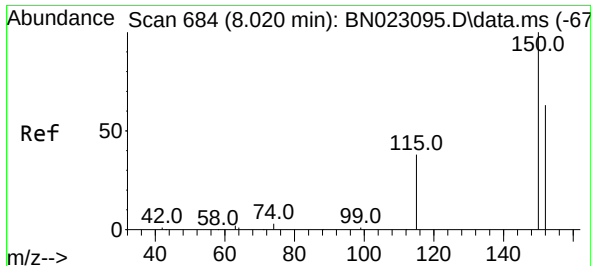
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121222\  
Data File : BN023129.D  
Acq On : 12 Dec 2022 11:07  
Operator : CG/JU  
Sample : PB149063BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB149063BL

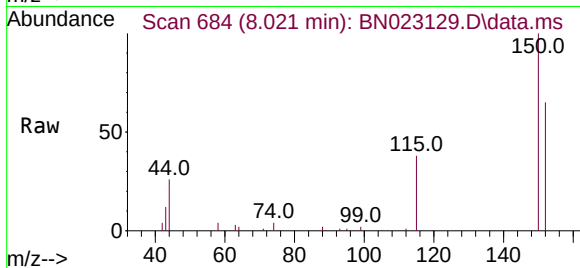
Quant Time: Dec 12 15:45:13 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 12 05:18:26 2022  
Response via : Initial Calibration





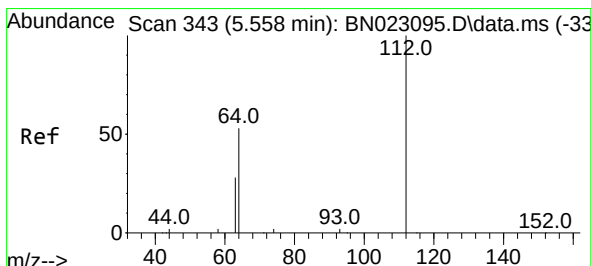
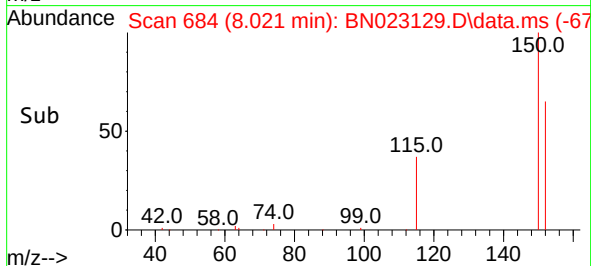
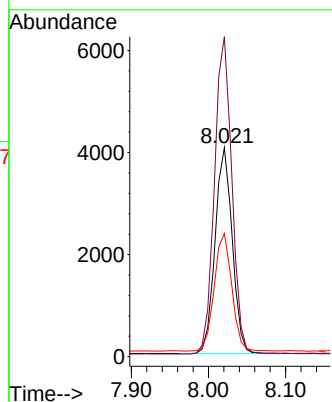
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.021 min Scan# 684  
 Delta R.T. -0.000 min  
 Lab File: BN023129.D  
 Acq: 12 Dec 2022 11:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149063BL



Tgt Ion:152 Resp: 6255  

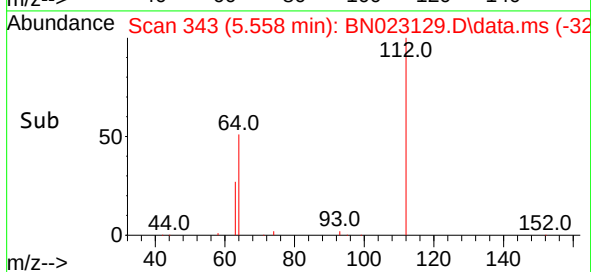
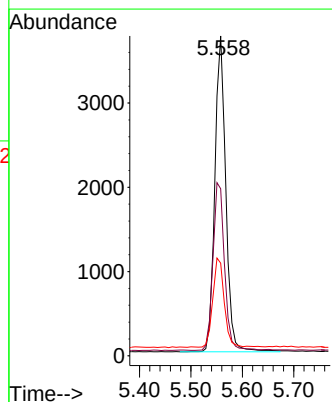
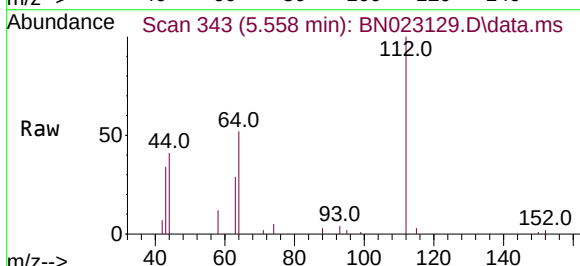
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.2 | 125.6 | 188.4 |
| 115 | 59.0  | 49.0  | 73.4  |

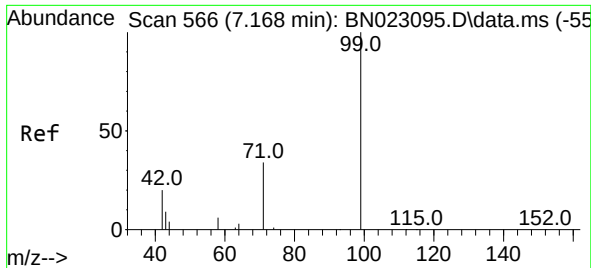


#4  
 2-Fluorophenol  
 Concen: 0.478 ng  
 RT: 5.558 min Scan# 343  
 Delta R.T. 0.007 min  
 Lab File: BN023129.D  
 Acq: 12 Dec 2022 11:07

Tgt Ion:112 Resp: 5572  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 56.0  | 44.4  | 66.6  |
| 63  | 29.8  | 23.7  | 35.5  |

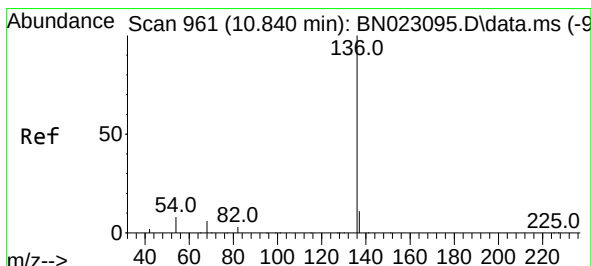
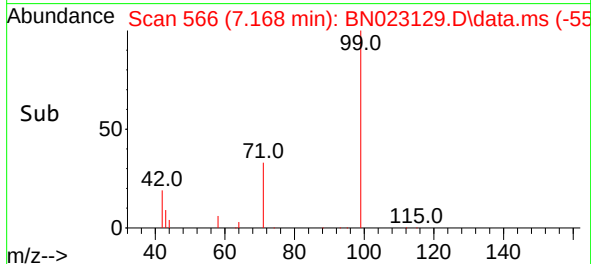
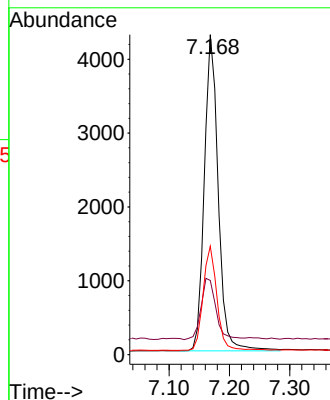
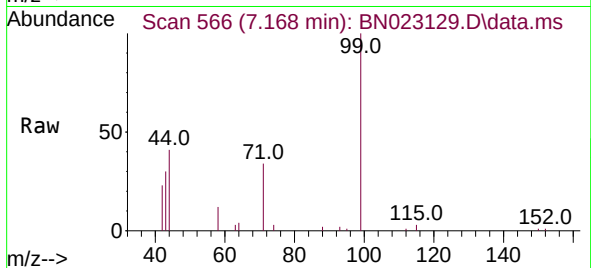




#5  
Phenol-d6  
Concen: 0.463 ng  
RT: 7.168 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

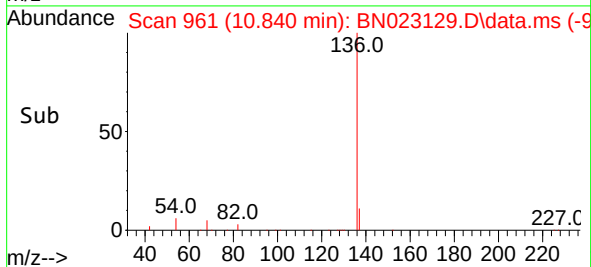
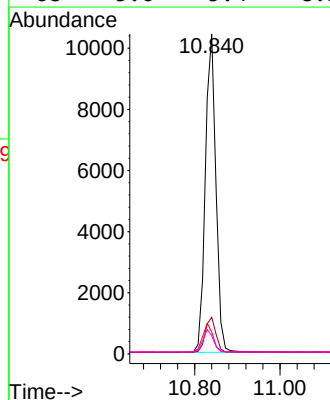
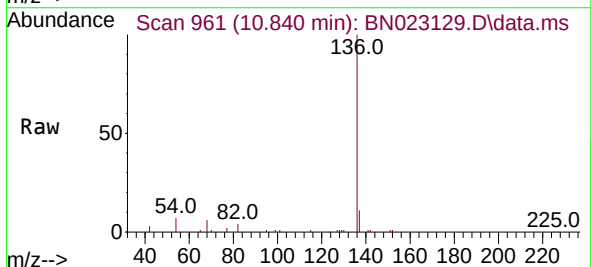
Instrument :  
BNA\_N  
ClientSampleId :  
PB149063BL

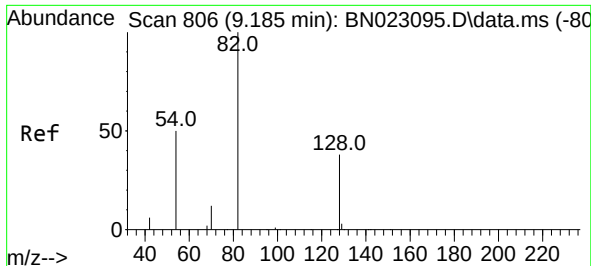
Tgt Ion: 99 Resp: 6851  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.3 24.5  
71 32.6 26.5 39.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.840 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

Tgt Ion: 136 Resp: 17883  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.4  
54 6.8 6.5 9.7  
68 5.6 5.4 8.2

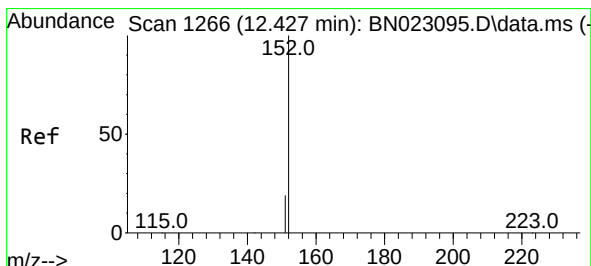
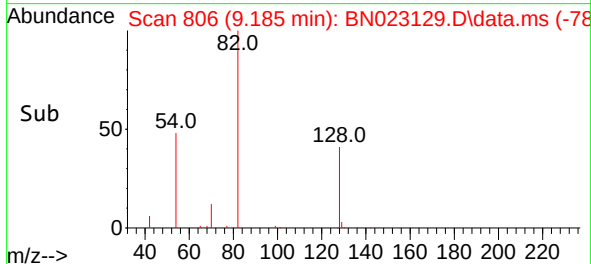
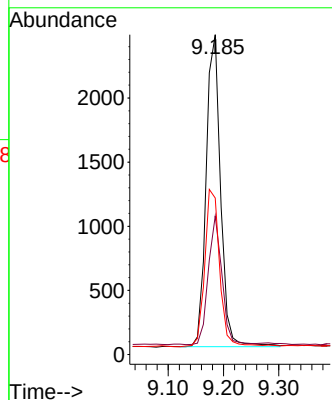
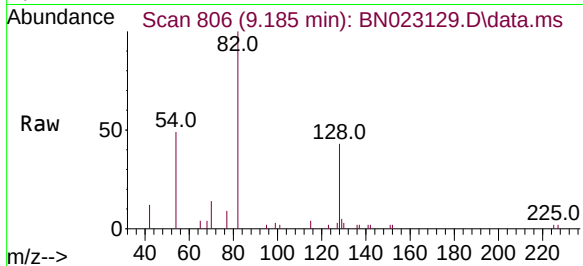




#8  
Nitrobenzene-d5  
Concen: 0.375 ng  
RT: 9.185 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

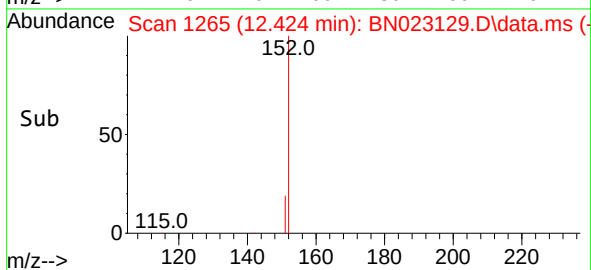
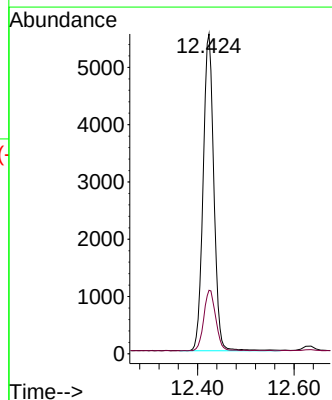
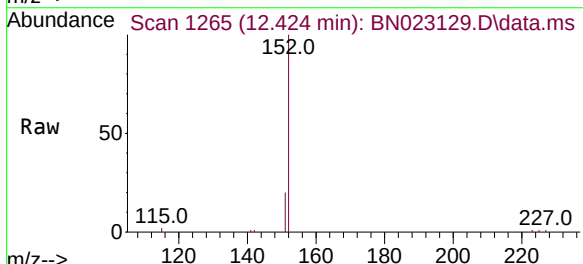
Instrument :  
BNA\_N  
ClientSampleId :  
PB149063BL

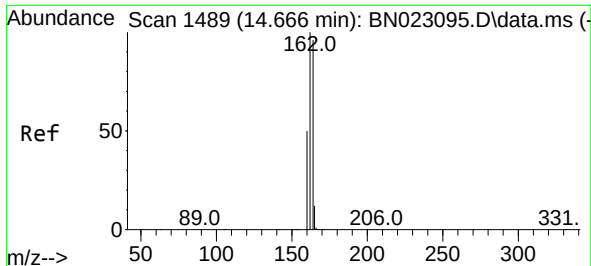
Tgt Ion: 82 Resp: 4413  
Ion Ratio Lower Upper  
82 100  
128 43.3 31.4 47.2  
54 48.9 41.0 61.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.349 ng  
RT: 12.424 min Scan# 1265  
Delta R.T. 0.004 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

Tgt Ion: 152 Resp: 10590  
Ion Ratio Lower Upper  
152 100  
151 17.1 15.1 22.7

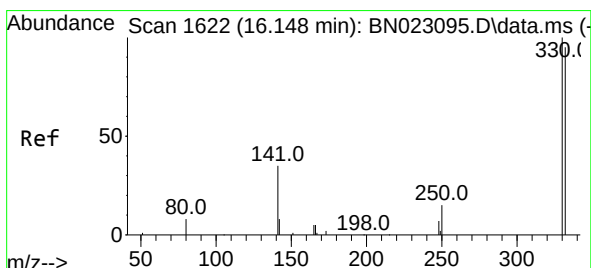
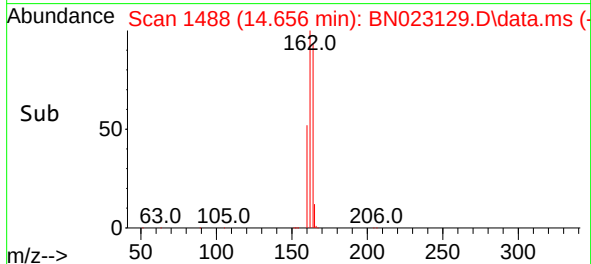
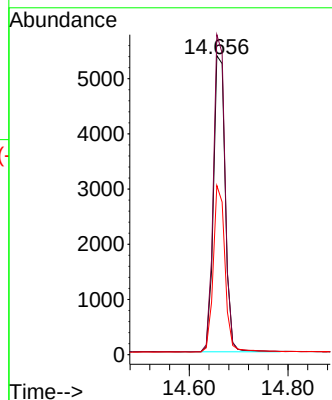
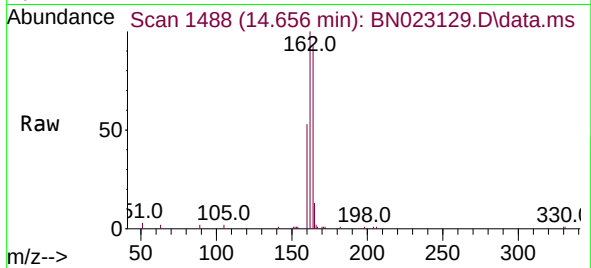




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.656 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

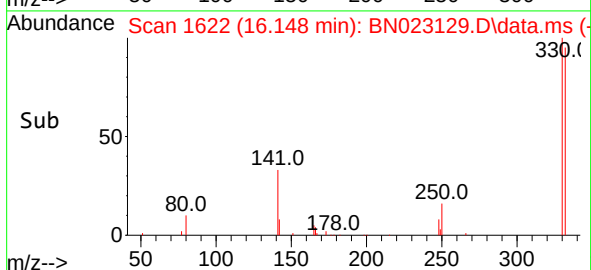
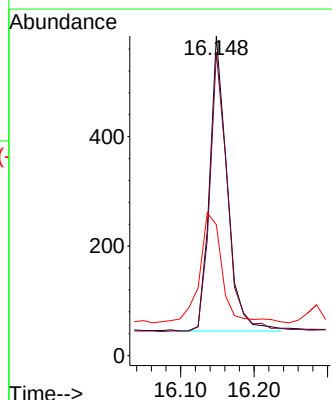
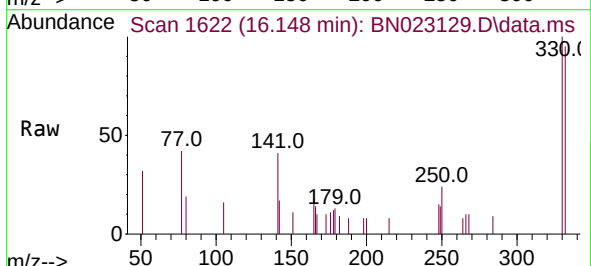
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ClientSampleId :  
PB149063BL

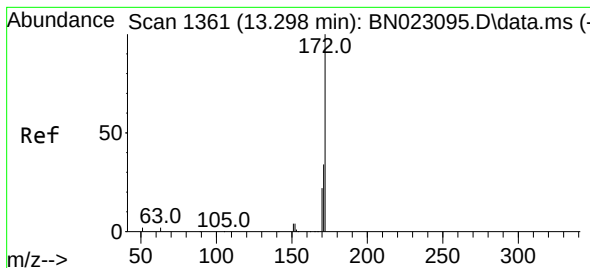
Tgt Ion:164 Resp: 8924  
Ion Ratio Lower Upper  
164 100  
162 107.0 83.4 125.0  
160 56.5 41.8 62.8



#14  
2,4,6-Tribromophenol  
Concen: 0.277 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

Tgt Ion:330 Resp: 897  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.3 115.9  
141 47.7 33.5 50.3





#15

2-Fluorobiphenyl

Concen: 0.406 ng

RT: 13.287 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BN023129.D

Acq: 12 Dec 2022 11:07

Instrument :

BNA\_N

ClientSampleId :

PB149063BL

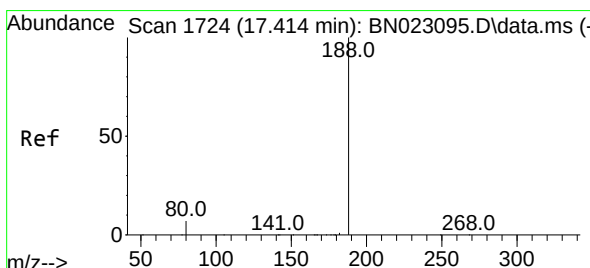
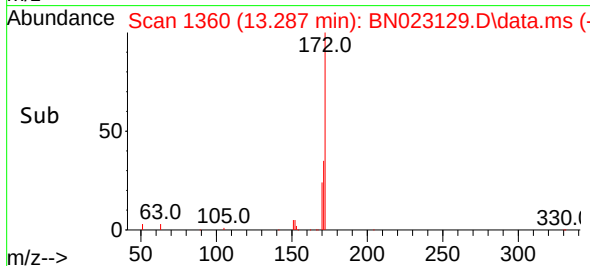
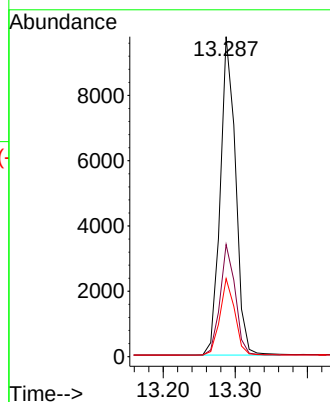
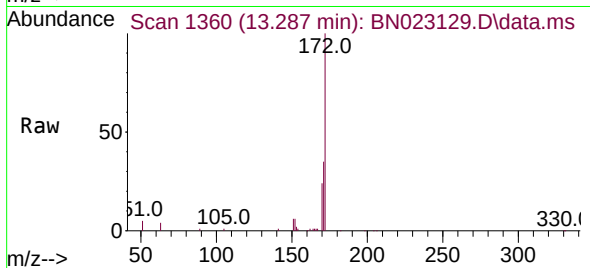
Tgt Ion:172 Resp: 14457

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 24.4 17.9 26.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN023129.D

Acq: 12 Dec 2022 11:07

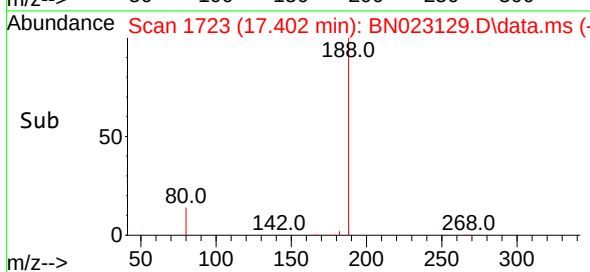
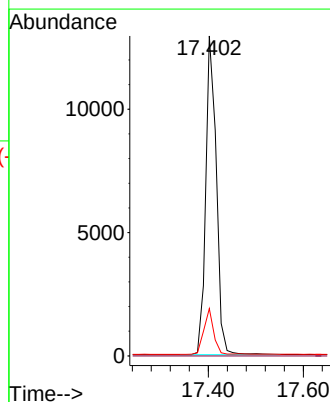
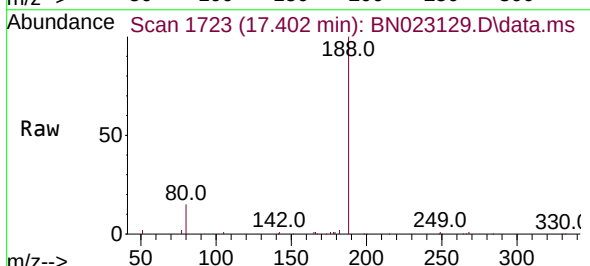
Tgt Ion:188 Resp: 19878

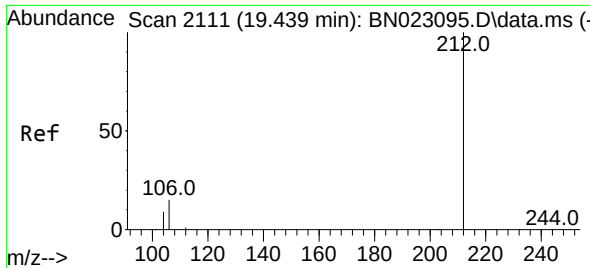
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 6.1 9.1#

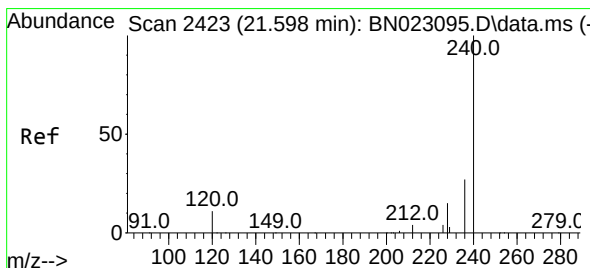
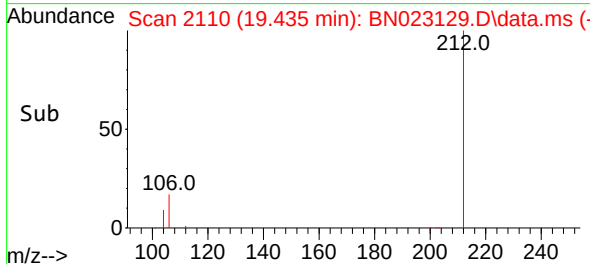
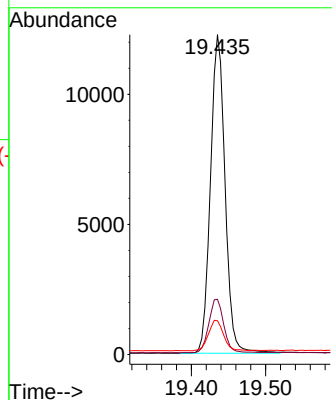
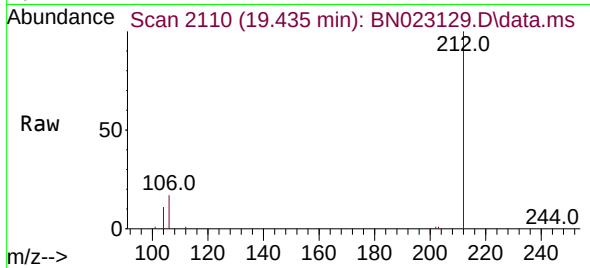




#27  
Fluoranthene-d10  
Concen: 0.359 ng  
RT: 19.435 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

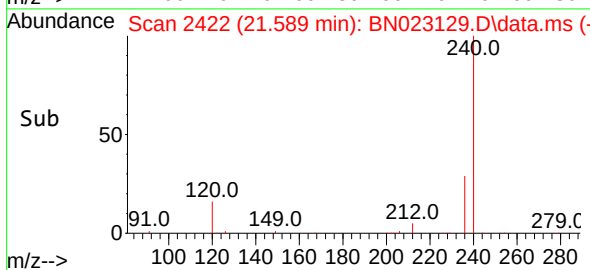
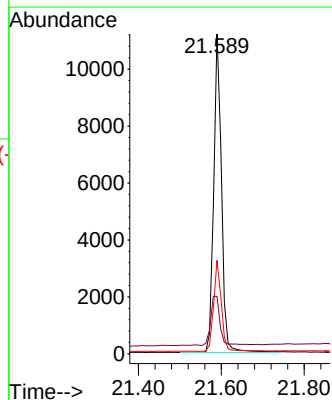
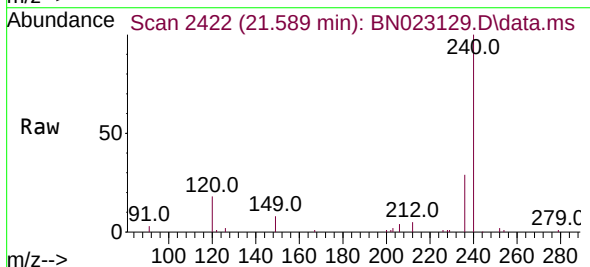
Instrument :  
BNA\_N  
ClientSampleId :  
PB149063BL

Tgt Ion:212 Resp: 16725  
Ion Ratio Lower Upper  
212 100  
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104 9.8 7.5 11.3

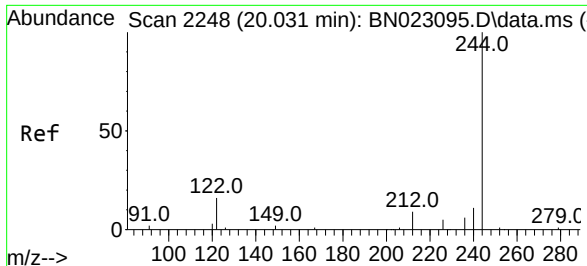


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.589 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BN023129.D  
Acq: 12 Dec 2022 11:07

Tgt Ion:240 Resp: 14660  
Ion Ratio Lower Upper  
240 100  
120 18.0 10.1 15.1#  
236 29.2 22.2 33.4



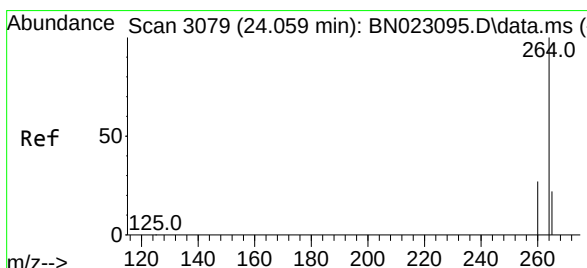
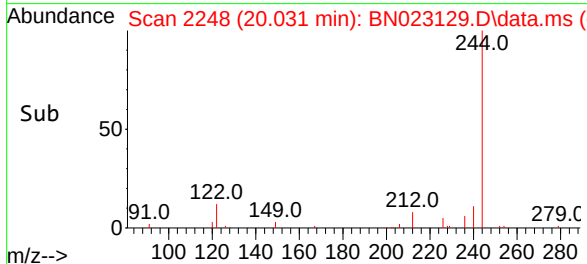
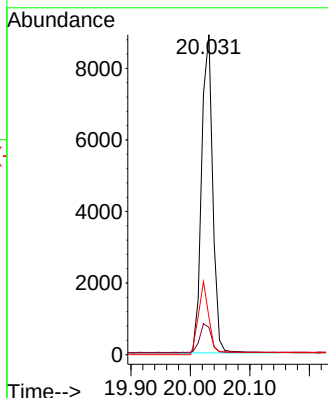
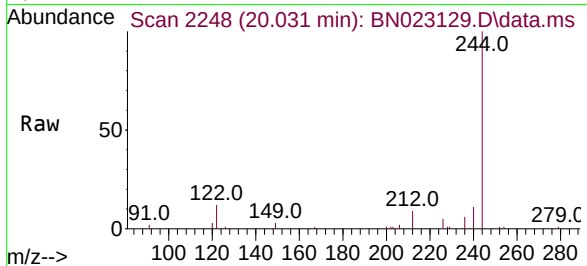




#31  
 Terphenyl-d14  
 Concen: 0.415 ng  
 RT: 20.031 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN023129.D  
 Acq: 12 Dec 2022 11:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149063BL

Tgt Ion:244 Resp: 9873  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 7.6 11.4  
 122 11.7 12.6 18.8#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.050 min Scan# 3076  
 Delta R.T. -0.000 min  
 Lab File: BN023129.D  
 Acq: 12 Dec 2022 11:07

Tgt Ion:264 Resp: 12077  
 Ion Ratio Lower Upper  
 264 100  
 260 27.8 21.7 32.5  
 265 57.9 43.2 64.8

