

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101421\  
 Data File : BN016956.D  
 Acq On : 14 Oct 2021 18:13  
 Operator : CG/JU  
 Sample : PB139894BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139894BL

Quant Time: Oct 15 03:03:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 17:01:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.615  | 152  | 20275    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.381 | 136  | 90502    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.243 | 164  | 45893    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.993 | 188  | 83758    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.195 | 240  | 72015    | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.426 | 264  | 76367    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.254  | 112  | 20131    | 0.40 | ng    | 0.04     |
| 5) Phenol-d6                | 6.812  | 99   | 18806    | 0.34 | ng    | 0.02     |
| 8) Nitrobenzene-d5          | 8.759  | 82   | 19592    | 0.34 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.976 | 152  | 55070    | 0.43 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.740 | 330  | 4902     | 0.24 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.860 | 172  | 71540    | 0.41 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.033 | 212  | 88693    | 0.42 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.644 | 244  | 75382    | 0.47 | ng    | 0.00     |

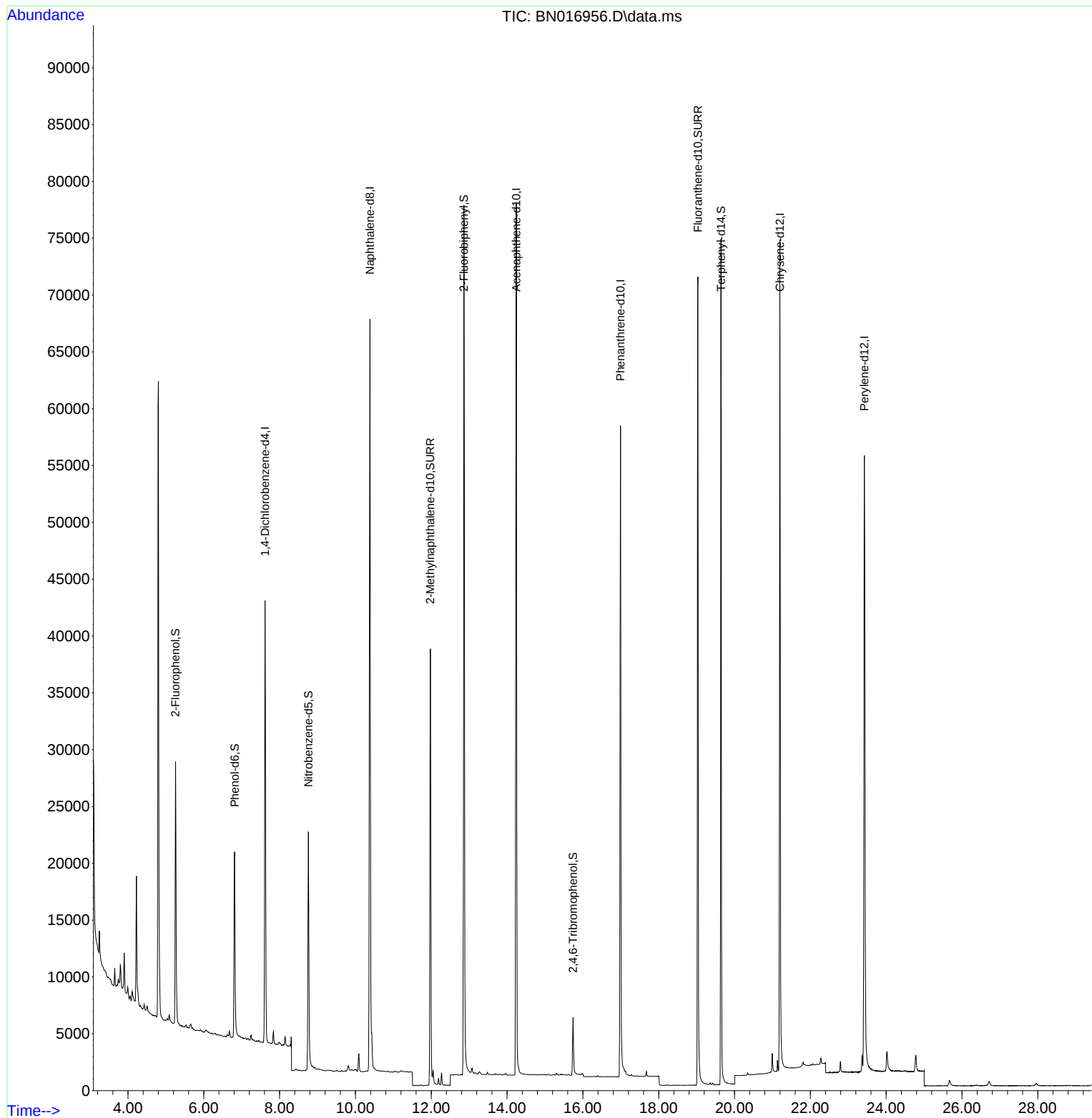
Target Compounds Qvalue

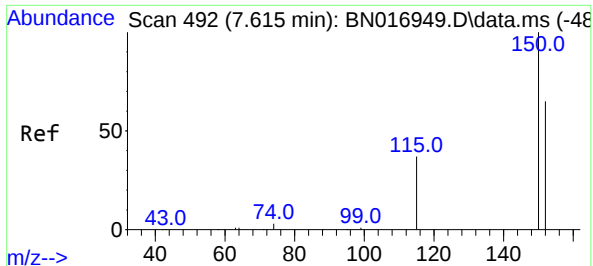
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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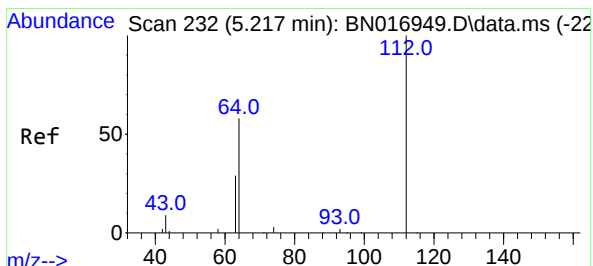
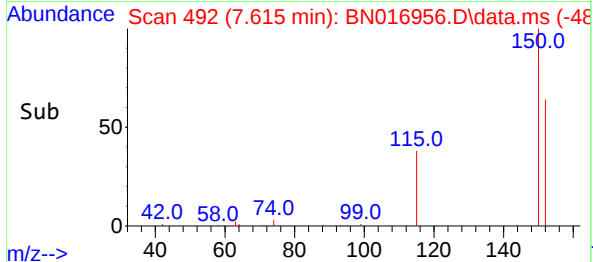
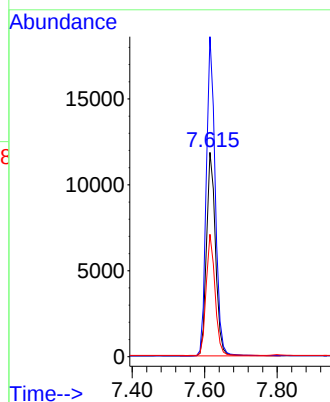
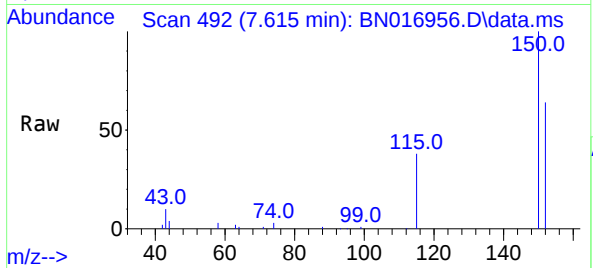




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.615 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

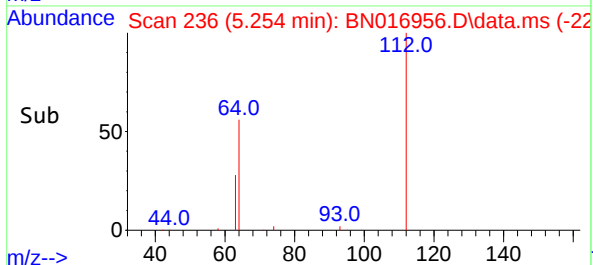
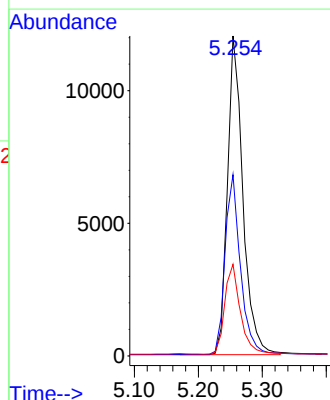
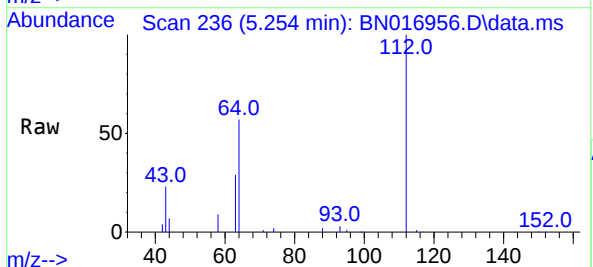
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ClientSampleId :  
PB139894BL

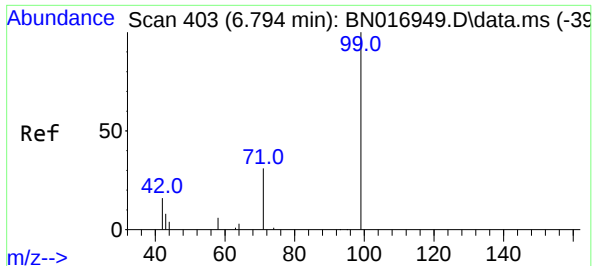
Tgt Ion:152 Resp: 20275  
Ion Ratio Lower Upper  
152 100  
150 156.6 122.2 183.4  
115 59.9 46.1 69.1



#4  
2-Fluorophenol  
Concen: 0.40 ng  
RT: 5.254 min Scan# 236  
Delta R.T. 0.037 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Tgt Ion:112 Resp: 20131  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.7 67.1  
63 28.4 22.6 33.8

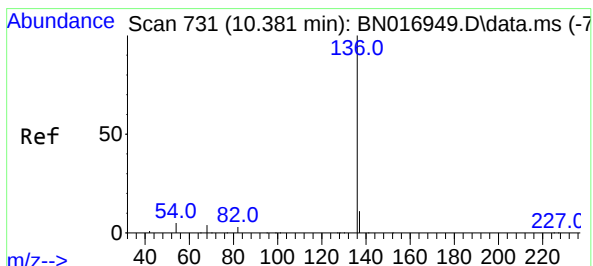
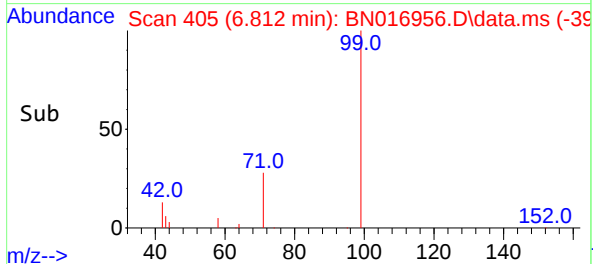
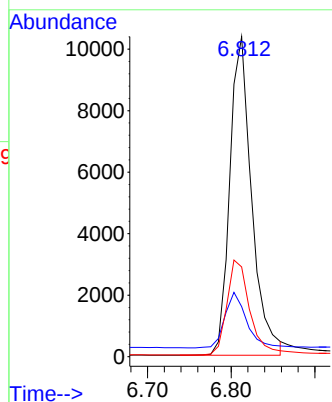
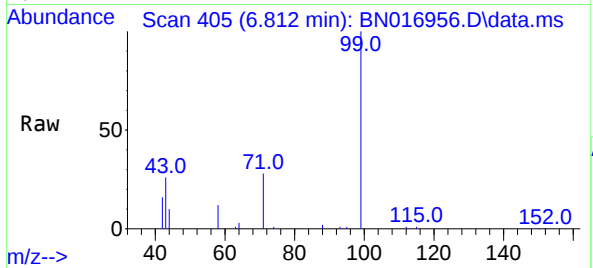




#5  
Phenol-d6  
Concen: 0.34 ng  
RT: 6.812 min Scan# 405  
Delta R.T. 0.018 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

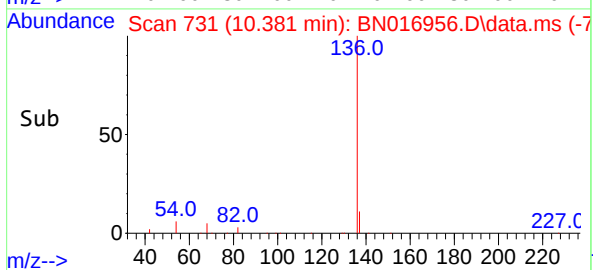
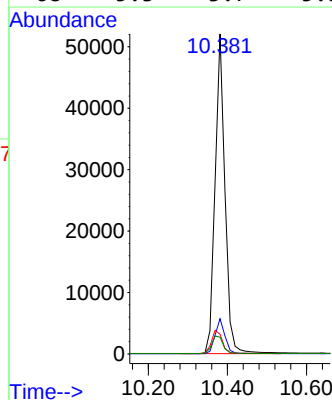
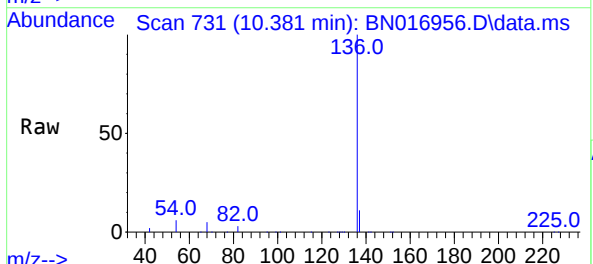
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ClientSampleId :  
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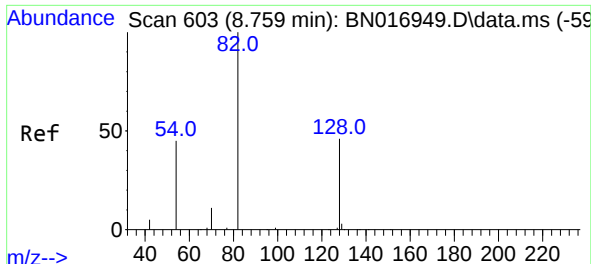
Tgt Ion: 99 Resp: 18806  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.2 21.4  
71 31.0 24.6 36.8



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.381 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Tgt Ion:136 Resp: 90502  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.1 4.3 6.5  
68 5.3 3.7 5.5

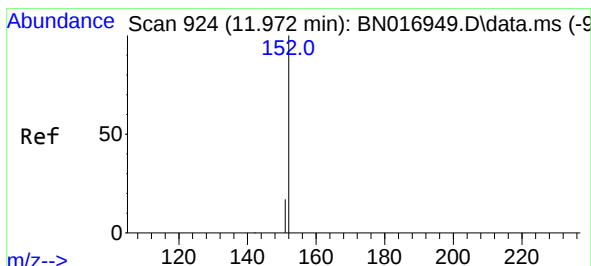
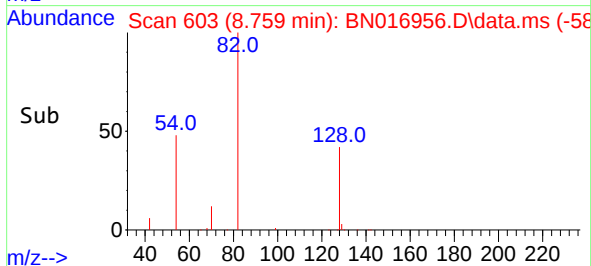
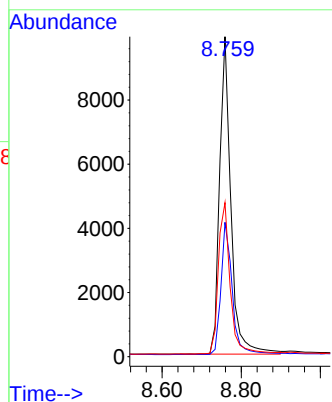
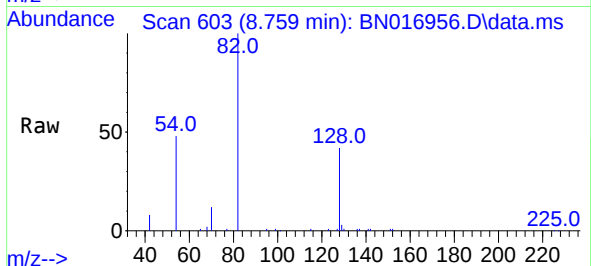




#8  
Nitrobenzene-d5  
Concen: 0.34 ng  
RT: 8.759 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

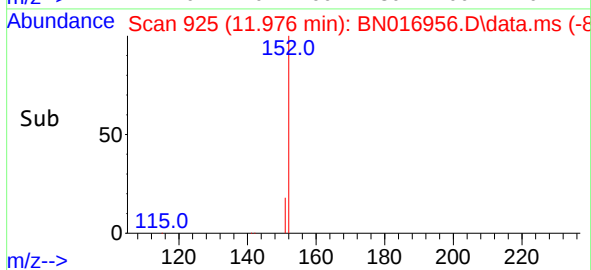
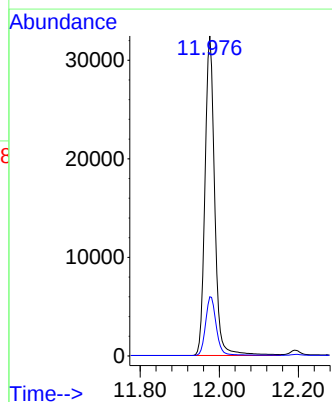
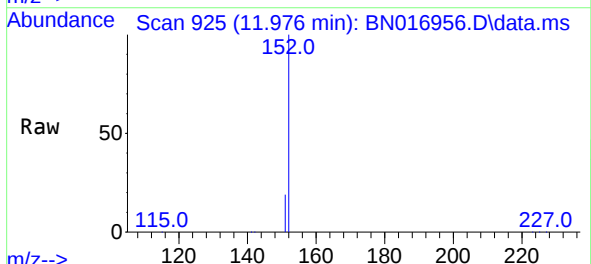
Instrument :  
BNA\_N  
ClientSampleId :  
PB139894BL

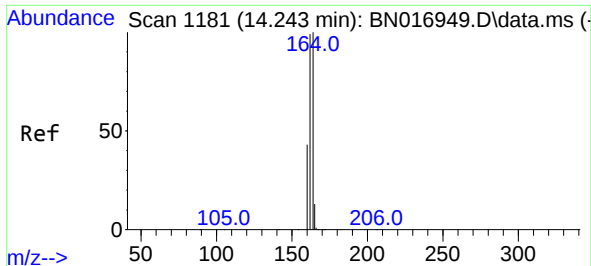
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 19592 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.0  | 37.0  | 55.4  |
| 54       | 48.1  | 36.2  | 54.4  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.43 ng  
RT: 11.976 min Scan# 925  
Delta R.T. 0.004 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 55070 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.4  | 16.3  | 24.5  |

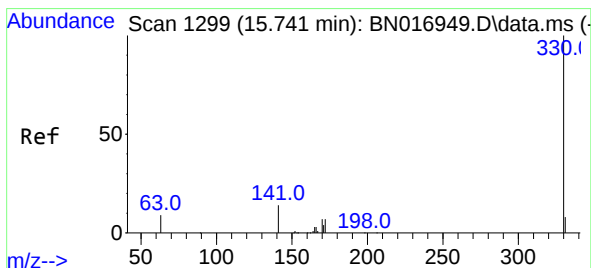
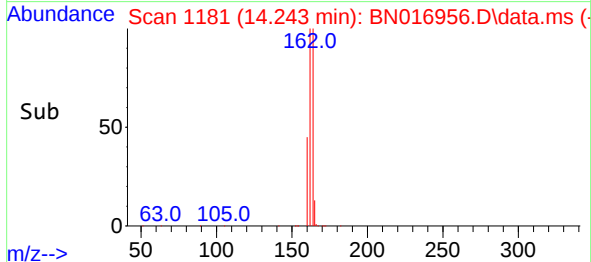
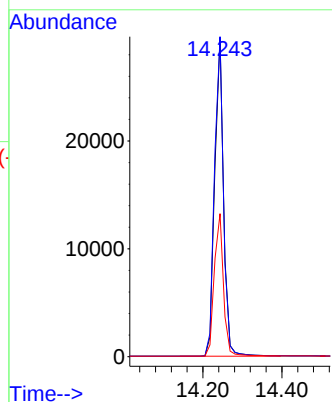
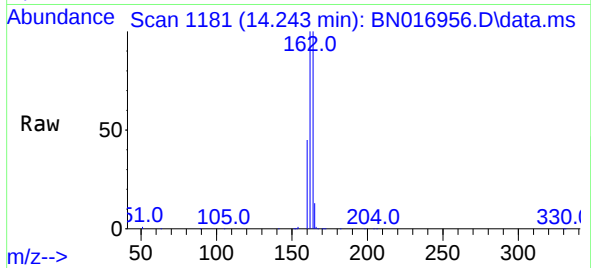




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

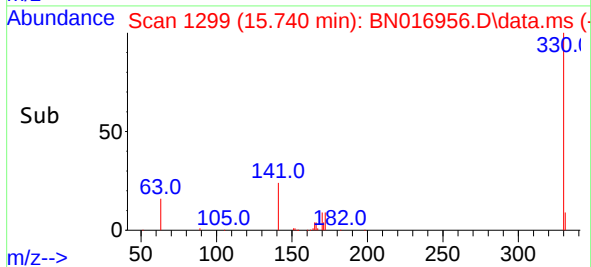
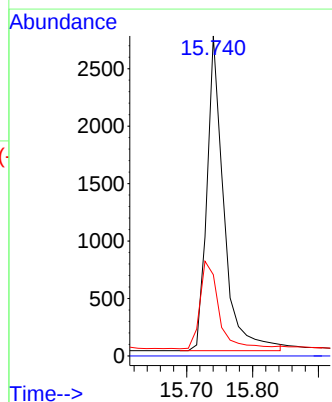
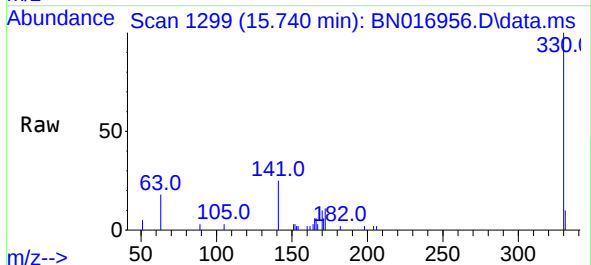
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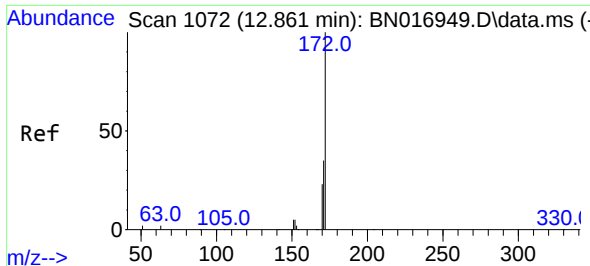
Tgt Ion:164 Resp: 45893  
Ion Ratio Lower Upper  
164 100  
162 100.3 79.1 118.7  
160 44.8 34.7 52.1



#14  
2,4,6-Tribromophenol  
Concen: 0.24 ng  
RT: 15.740 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Tgt Ion:330 Resp: 4902  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.9 24.2 36.2

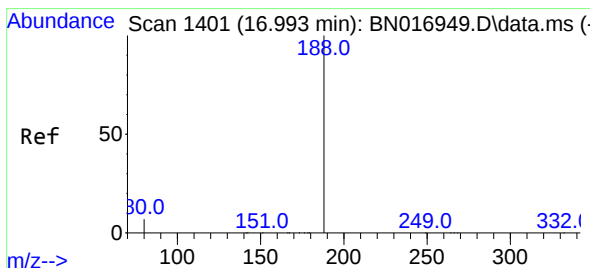
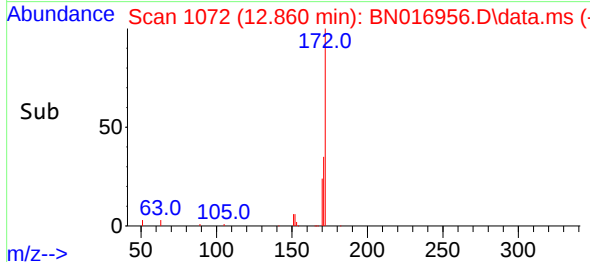
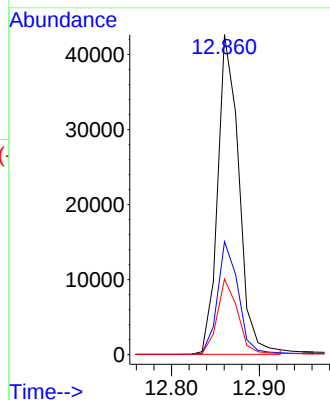
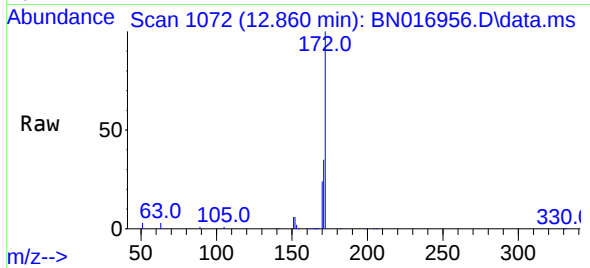




#15  
2-Fluorobiphenyl  
Concen: 0.41 ng  
RT: 12.860 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

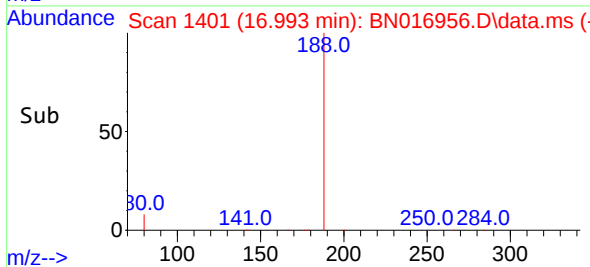
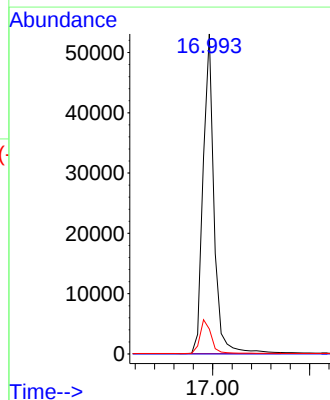
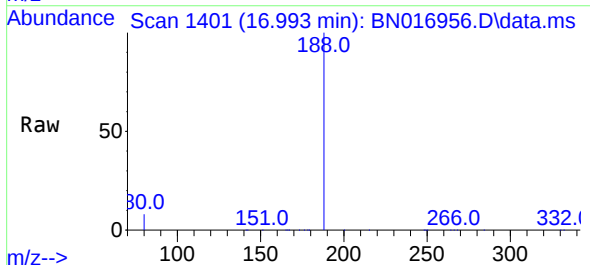
Instrument :  
BNA\_N  
ClientSampleId :  
PB139894BL

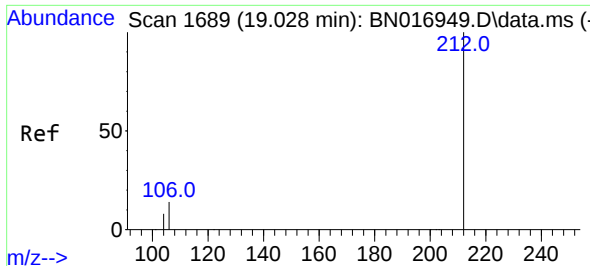
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 71540     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.4  | 27.9 41.9 |
| 170         | 23.7  | 18.6 27.8 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:188 | Resp: | 83758   |
| Ion Ratio   | Lower | Upper   |
| 188         | 100   |         |
| 94          | 0.0   | 0.0 0.0 |
| 80          | 7.8   | 5.6 8.4 |

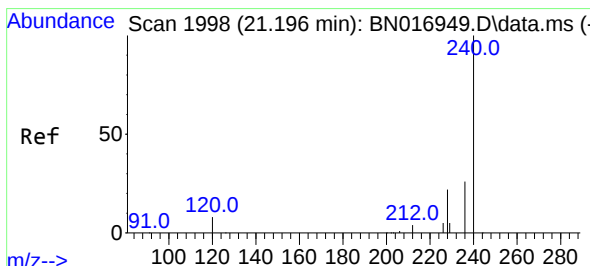
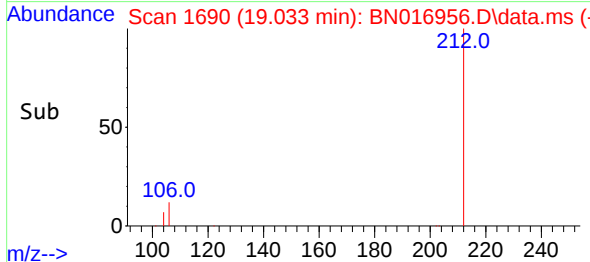
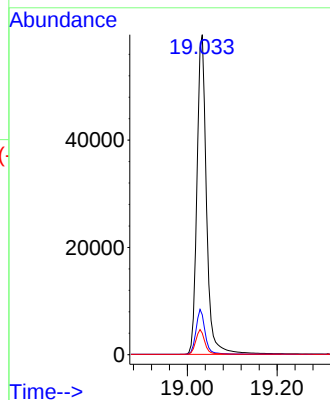
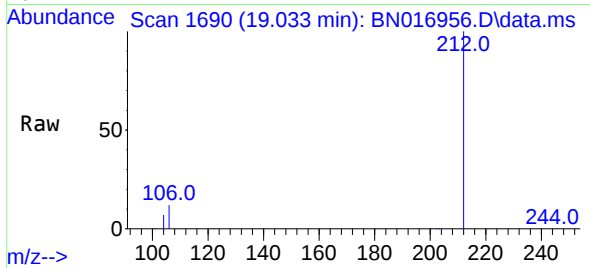




#27  
Fluoranthene-d10  
Concen: 0.42 ng  
RT: 19.033 min Scan# 1690  
Delta R.T. 0.005 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

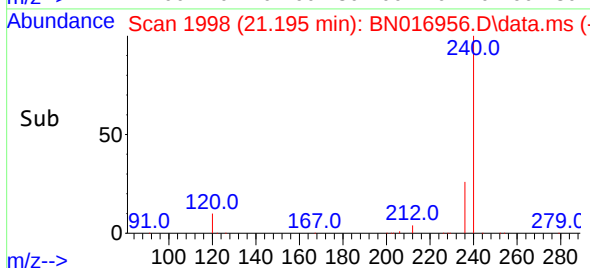
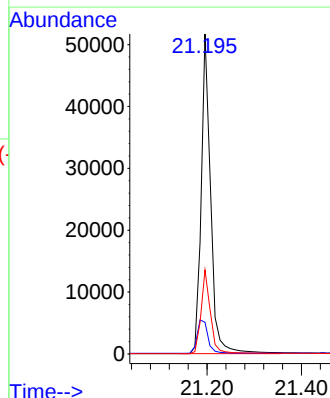
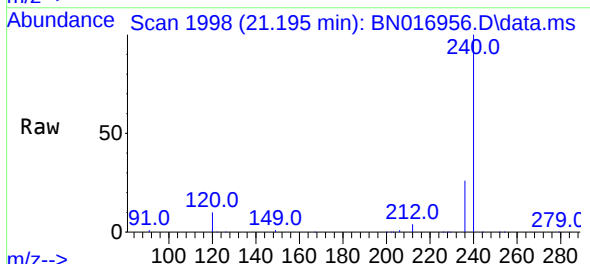
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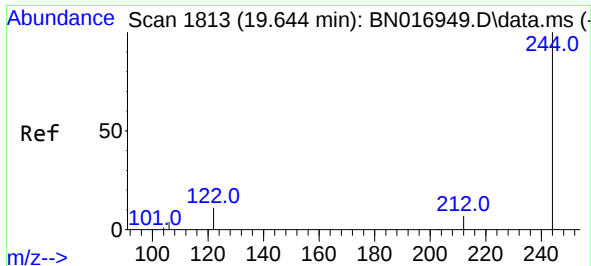
Tgt Ion:212 Resp: 88693  
Ion Ratio Lower Upper  
212 100  
106 13.7 10.9 16.3  
104 7.5 6.0 9.0



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.195 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Tgt Ion:240 Resp: 72015  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.5 9.7#  
236 26.3 20.8 31.2

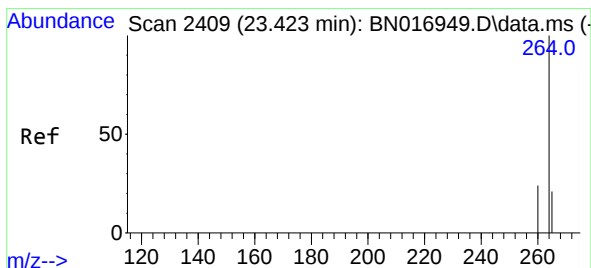
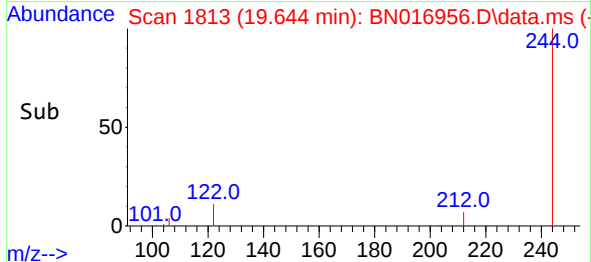
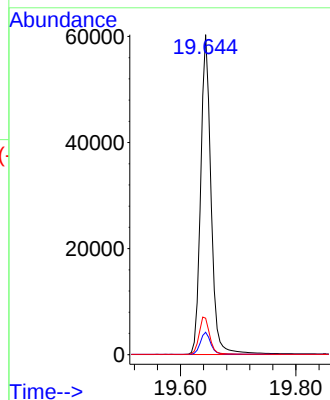
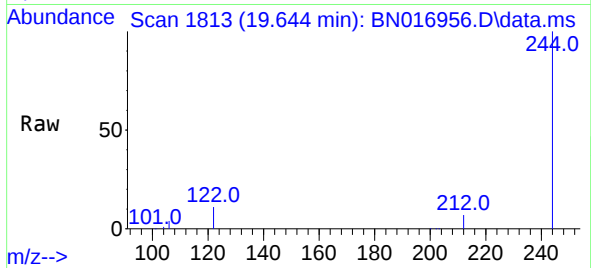




#31  
Terphenyl-d14  
Concen: 0.47 ng  
RT: 19.644 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Instrument :  
BNA\_N  
ClientSampleId :  
PB139894BL

Tgt Ion:244 Resp: 75382  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.6 8.4  
122 11.4 9.2 13.8



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.426 min Scan# 2410  
Delta R.T. 0.003 min  
Lab File: BN016956.D  
Acq: 14 Oct 2021 18:13

Tgt Ion:264 Resp: 76367  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 23.4 18.8 28.2

