

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100421\  
 Data File : BN016760.D  
 Acq On : 06 Oct 2021 02:40  
 Operator : CG/JU  
 Sample : PB139585BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139585BL

Quant Time: Oct 06 04:32:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 04 17:52:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.642  | 152  | 26219    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.407 | 136  | 116171   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.269 | 164  | 60554    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.030 | 188  | 116451   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.238 | 240  | 111050   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.484 | 264  | 117403   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.282  | 112  | 6497     | 0.097 | ng    | 0.03     |
| 5) Phenol-d6                | 6.831  | 99   | 5131     | 0.069 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.784  | 82   | 5841     | 0.072 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.007 | 152  | 17512    | 0.101 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.779 | 330  | 5280     | 0.268 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.898 | 172  | 21894    | 0.090 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.068 | 212  | 76344    | 0.240 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.678 | 244  | 126024   | 0.507 | ng    | 0.00     |

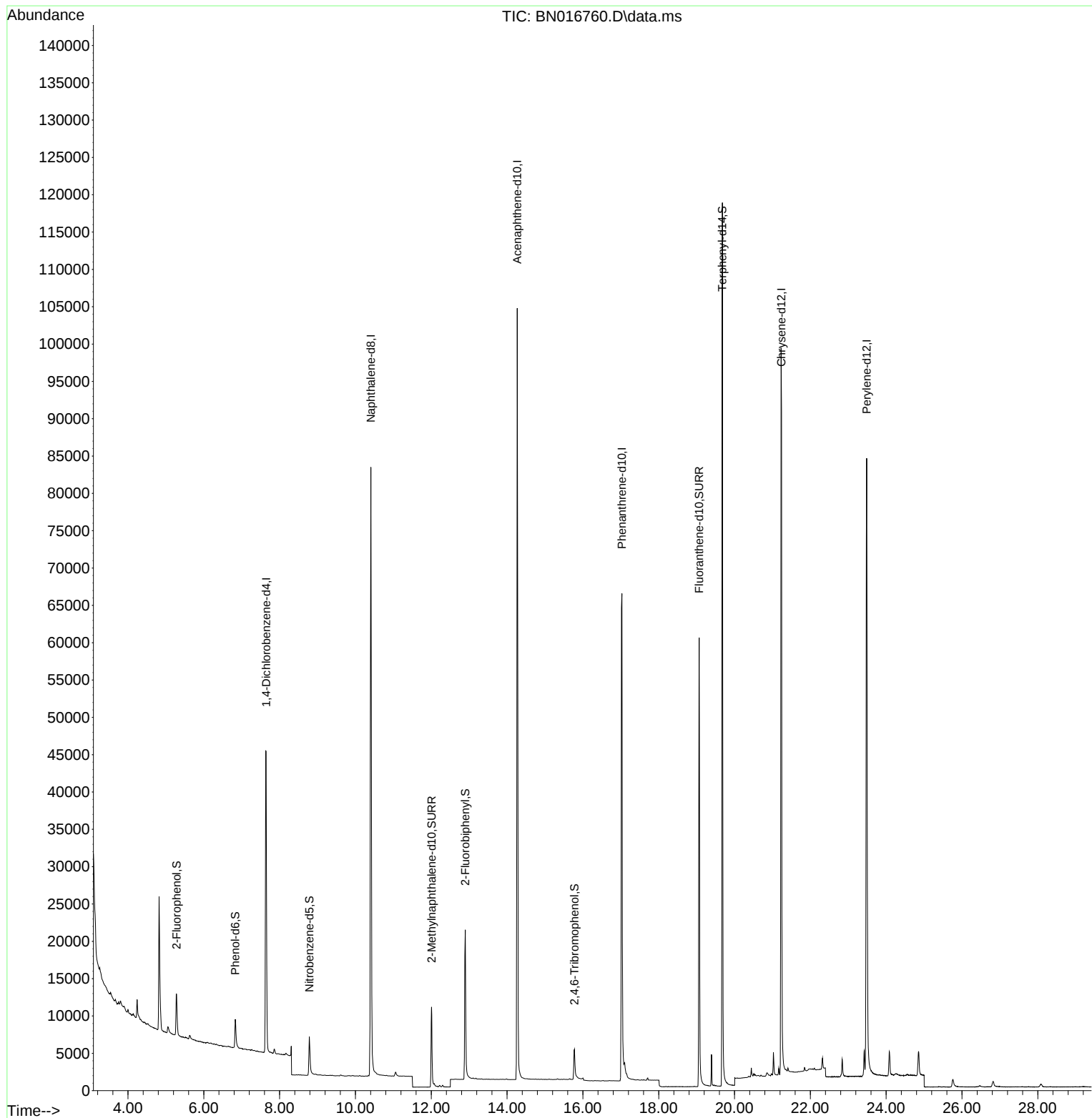
Target Compounds Qvalue

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

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QLast Update : Mon Oct 04 17:52:33 2021  
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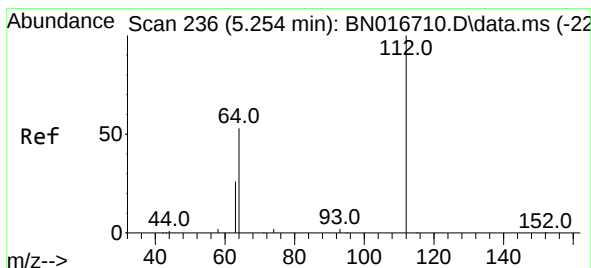
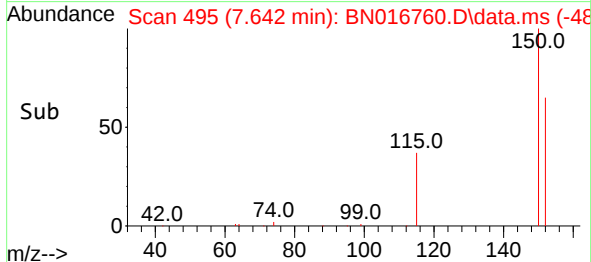
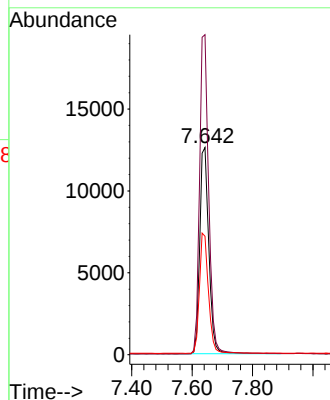
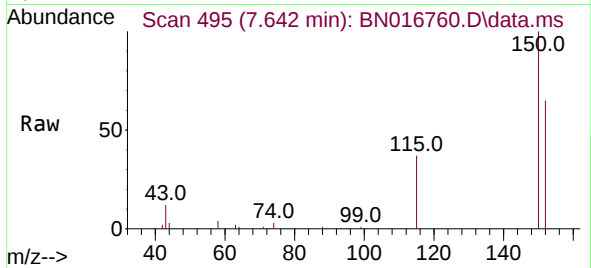




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.642 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: BN016760.D  
 Acq: 06 Oct 2021 02:40

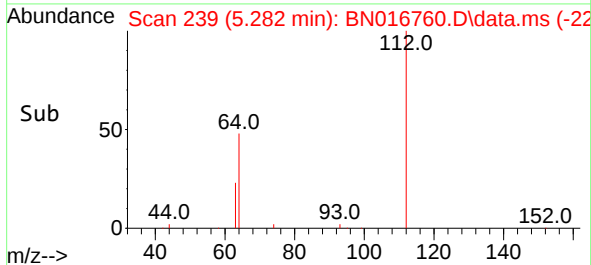
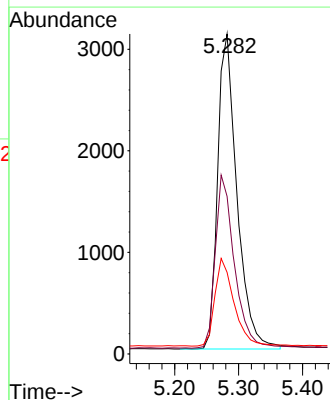
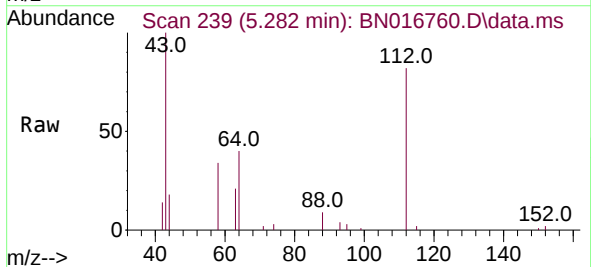
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 ClientSampleId :  
 PB139585BL

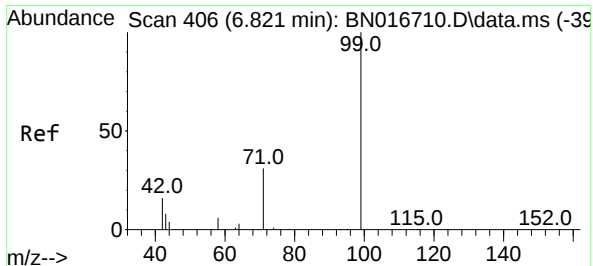
Tgt Ion:152 Resp: 26219  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 123.3 184.9  
 115 57.1 47.0 70.6



#4  
 2-Fluorophenol  
 Concen: 0.097 ng  
 RT: 5.282 min Scan# 239  
 Delta R.T. 0.028 min  
 Lab File: BN016760.D  
 Acq: 06 Oct 2021 02:40

Tgt Ion:112 Resp: 6497  
 Ion Ratio Lower Upper  
 112 100  
 64 54.3 42.9 64.3  
 63 27.6 21.5 32.3

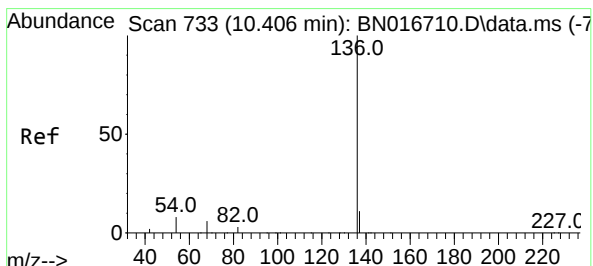
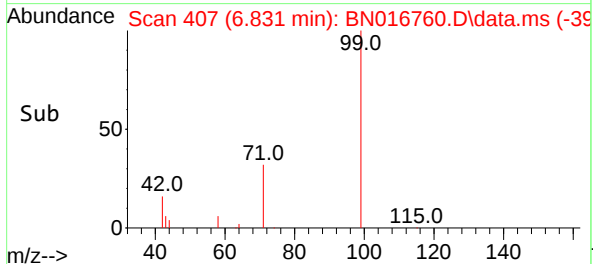
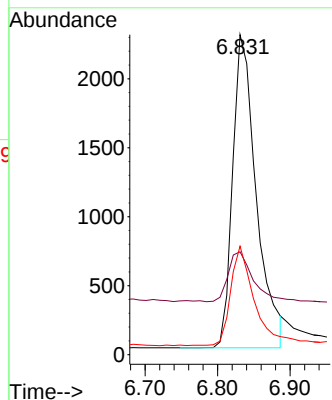
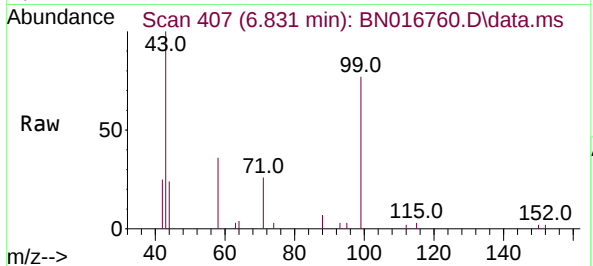




#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 6.831 min Scan# 407  
Delta R.T. 0.010 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

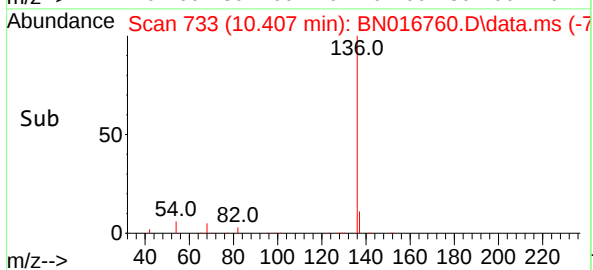
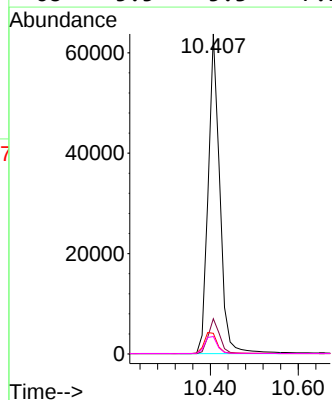
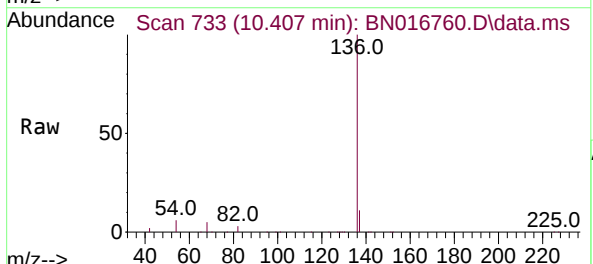
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ClientSampleId :  
PB139585BL

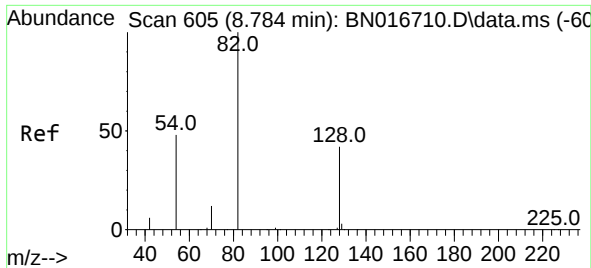
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 5131  |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 16.4     | 13.4 20.2   |
| 71 30.7     | 24.0 36.0   |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.407 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

|              |              |
|--------------|--------------|
| Tgt Ion: 136 | Resp: 116171 |
| Ion Ratio    | Lower Upper  |
| 136 100      |              |
| 137 11.0     | 8.9 13.3     |
| 54 6.5       | 6.5 9.7#     |
| 68 5.5       | 5.3 7.9      |

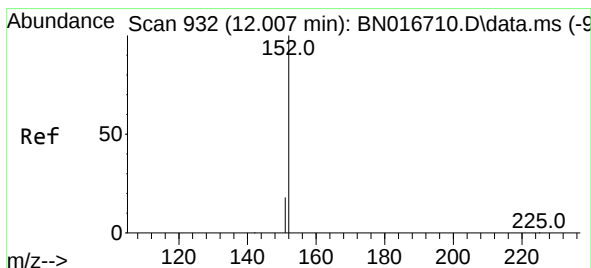
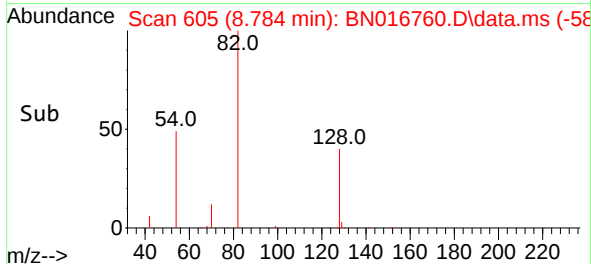
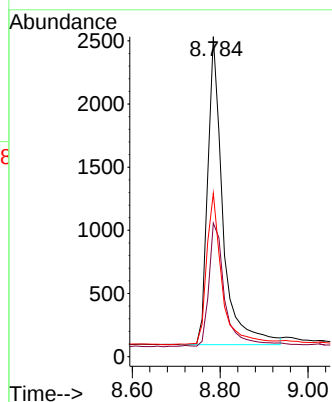
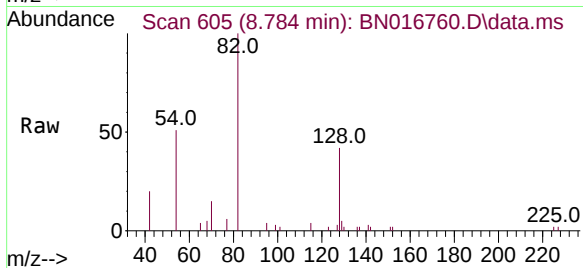




#8  
Nitrobenzene-d5  
Concen: 0.072 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

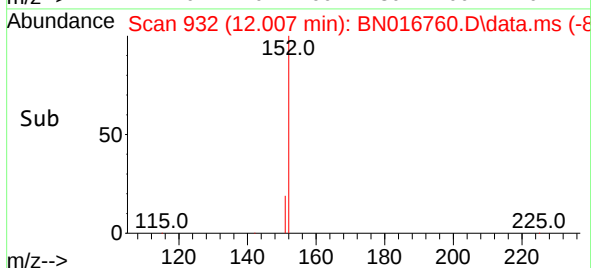
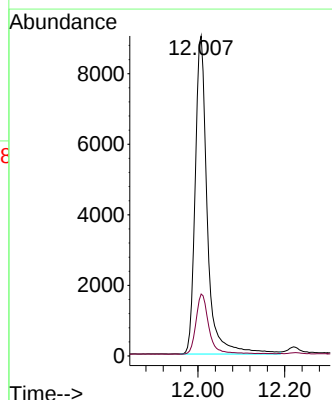
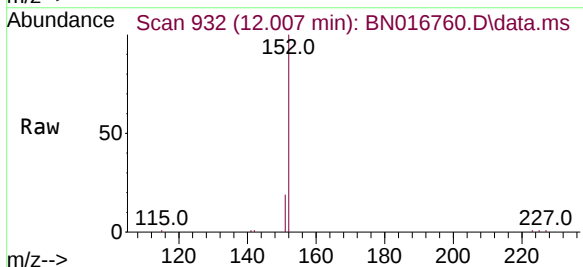
Instrument :  
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ClientSampleId :  
PB139585BL

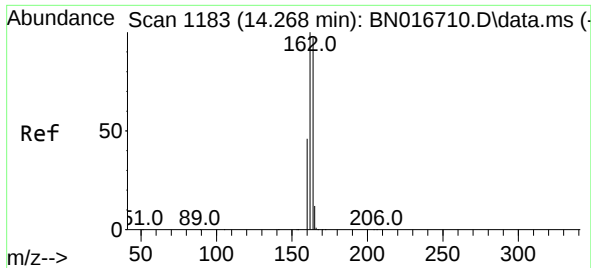
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.8  | 33.8  | 50.6  |
| 54      | 51.1  | 38.5  | 57.7  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.101 ng  
RT: 12.007 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.2  | 24.4  |

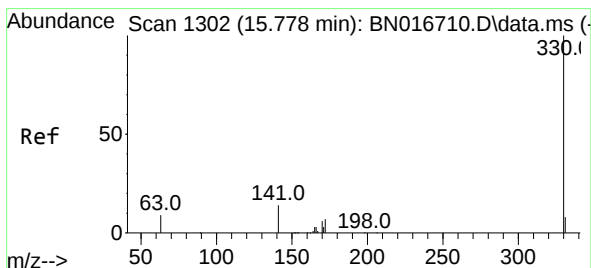
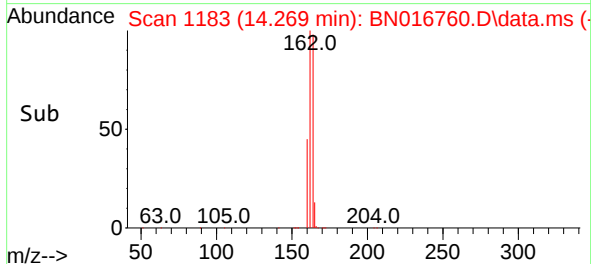
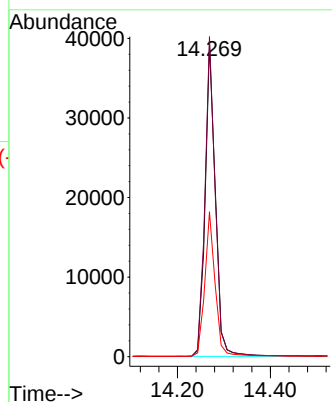
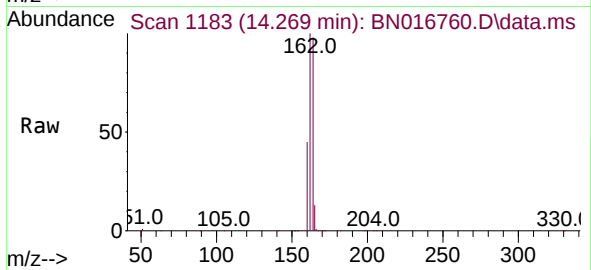




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

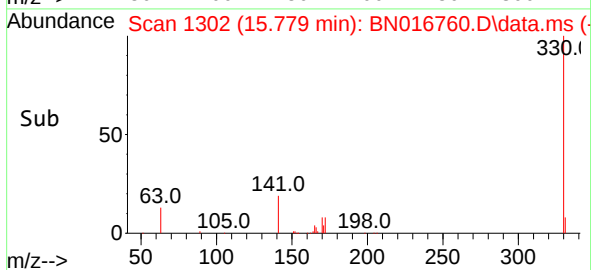
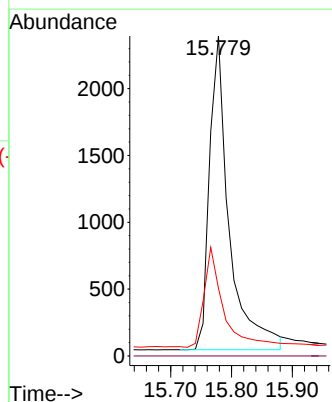
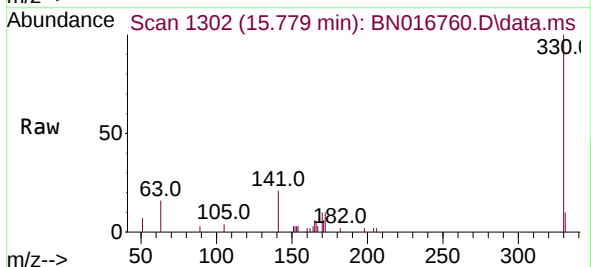
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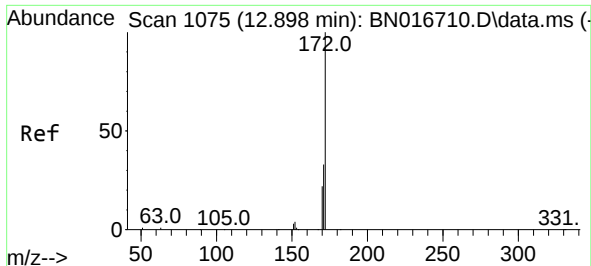
Tgt Ion:164 Resp: 60554  
Ion Ratio Lower Upper  
164 100  
162 102.3 82.6 124.0  
160 46.4 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.268 ng  
RT: 15.779 min Scan# 1302  
Delta R.T. 0.001 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

Tgt Ion:330 Resp: 5280  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.7 24.2 36.2

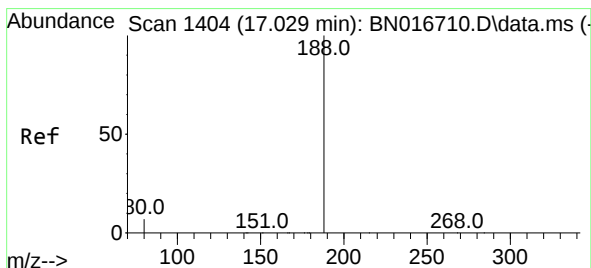
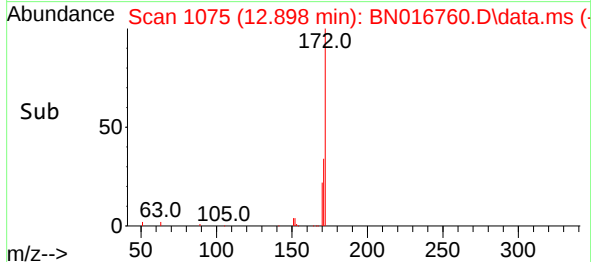
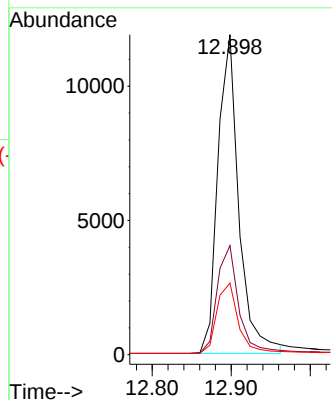
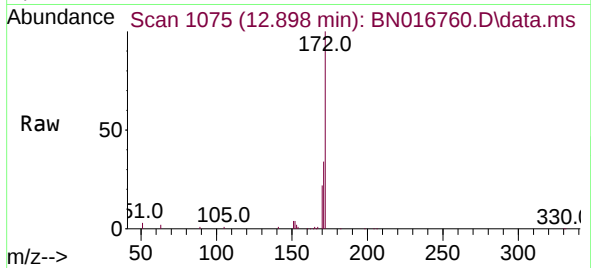




#15  
2-Fluorobiphenyl  
Concen: 0.090 ng  
RT: 12.898 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

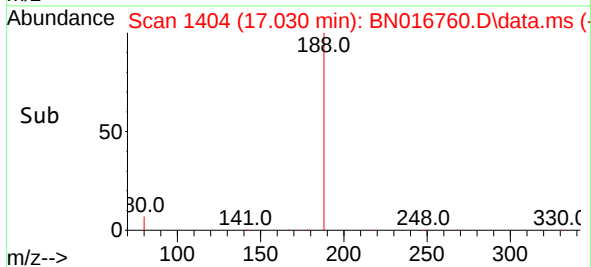
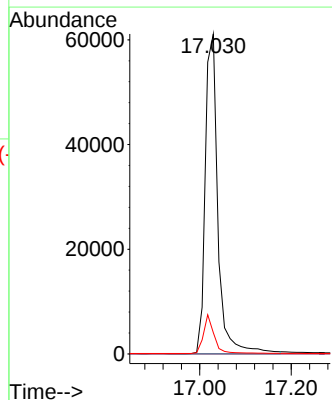
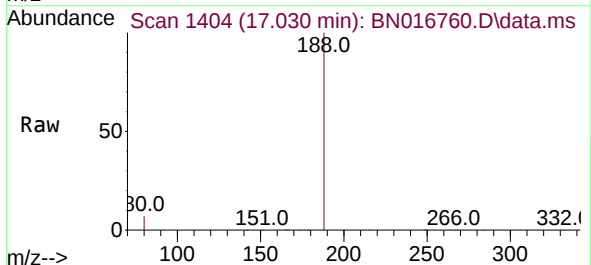
Instrument :  
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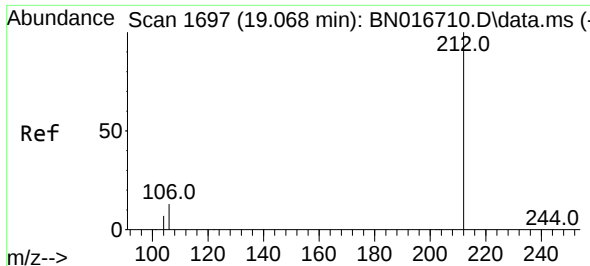
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 21894 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.1  | 26.9  | 40.3  |
| 170       | 22.4  | 17.4  | 26.0  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

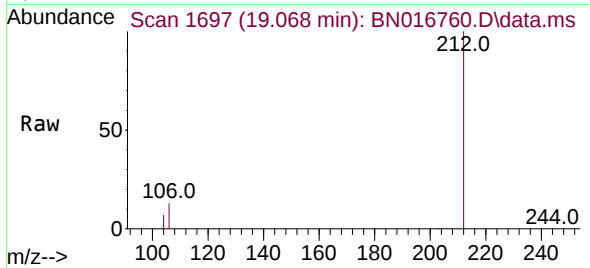
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 116451 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 0.0   | 0.0   | 0.0    |
| 80        | 6.6   | 5.8   | 8.8    |



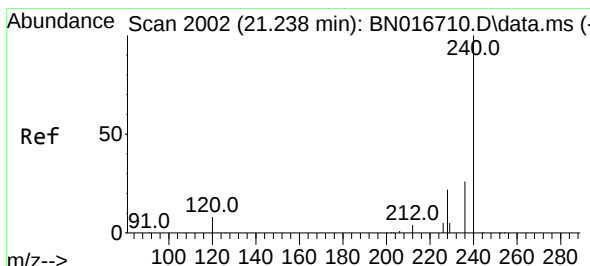
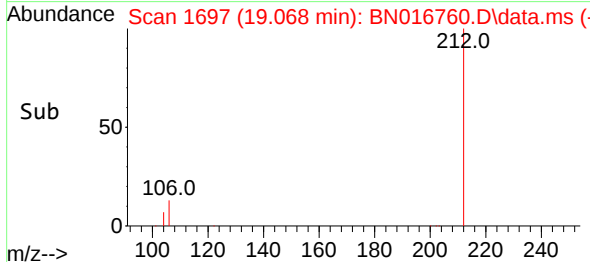
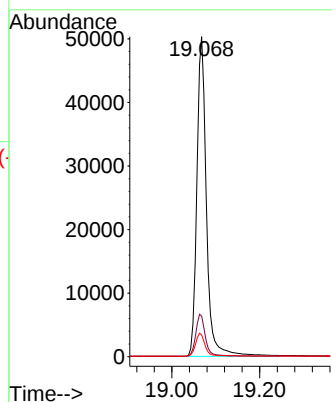


#27  
Fluoranthene-d10  
Concen: 0.240 ng  
RT: 19.068 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB139585BL

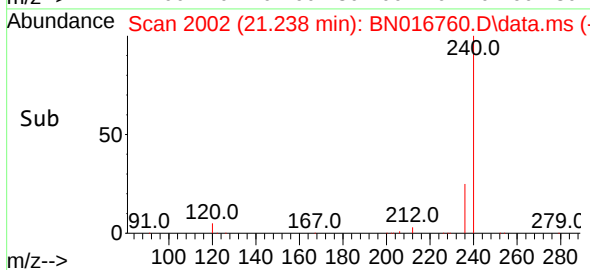
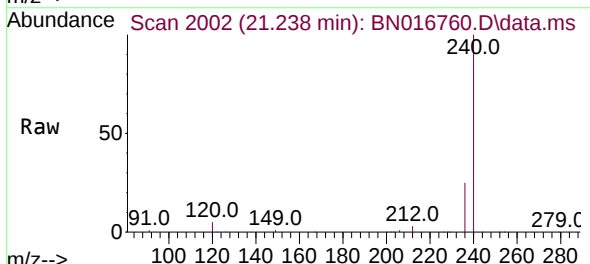
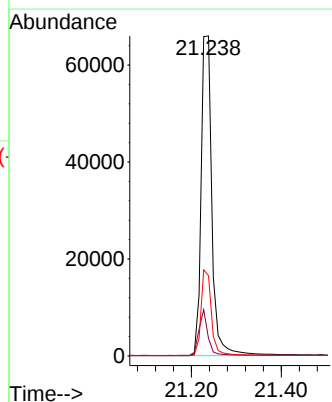


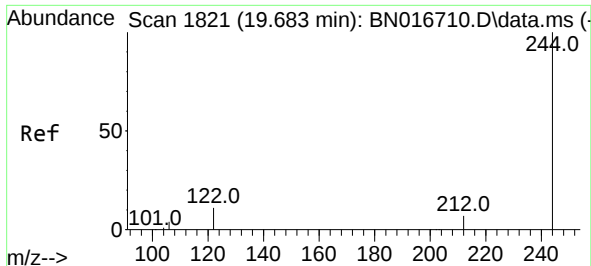
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Ion Ratio Lower Upper  
212 100  
106 13.3 10.6 16.0  
104 7.3 5.8 8.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

Tgt Ion:240 Resp: 111050  
Ion Ratio Lower Upper  
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120 5.4 6.6 10.0#  
236 25.1 20.7 31.1

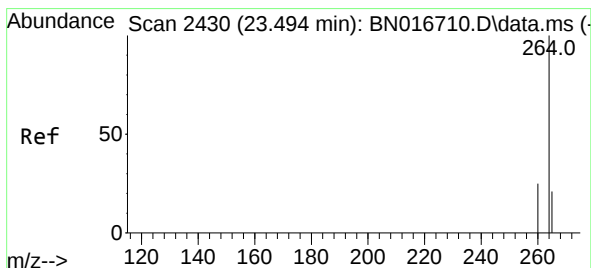
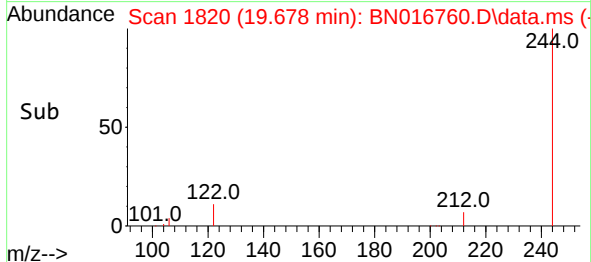
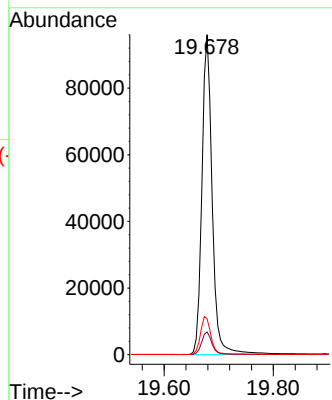
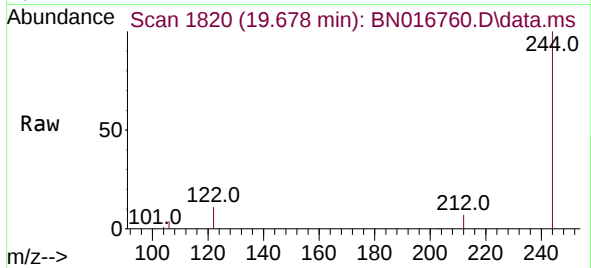




#31  
Terphenyl-d14  
Concen: 0.507 ng  
RT: 19.678 min Scan# 1820  
Delta R.T. -0.005 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

Instrument :  
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PB139585BL

Tgt Ion:244 Resp: 126024  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 11.3 8.9 13.3



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.484 min Scan# 2427  
Delta R.T. -0.010 min  
Lab File: BN016760.D  
Acq: 06 Oct 2021 02:40

Tgt Ion:264 Resp: 117403  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.8 29.6  
265 22.8 20.3 30.5

