

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031921\  
 Data File : BN013983.D  
 Acq On : 18 Mar 2021 15:43  
 Operator : CG/JU  
 Sample : PB135230BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135230BL

Quant Time: Mar 18 16:22:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 18 15:58:40 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.708  | 152  | 6224     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.492 | 136  | 23506    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.346 | 164  | 12382    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.092 | 188  | 27486    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.271 | 240  | 25240    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.499 | 264  | 26394    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.308  | 112  | 6167     | 0.37 | ng    | 0.00     |
| 5) Phenol-d6                | 6.879  | 99   | 7264     | 0.33 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.857  | 82   | 6924     | 0.46 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.080 | 152  | 12329    | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.831 | 330  | 1169     | 0.23 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.963 | 172  | 21890    | 0.50 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.119 | 212  | 25273    | 0.31 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.719 | 244  | 28184    | 0.51 | ng    | 0.00     |

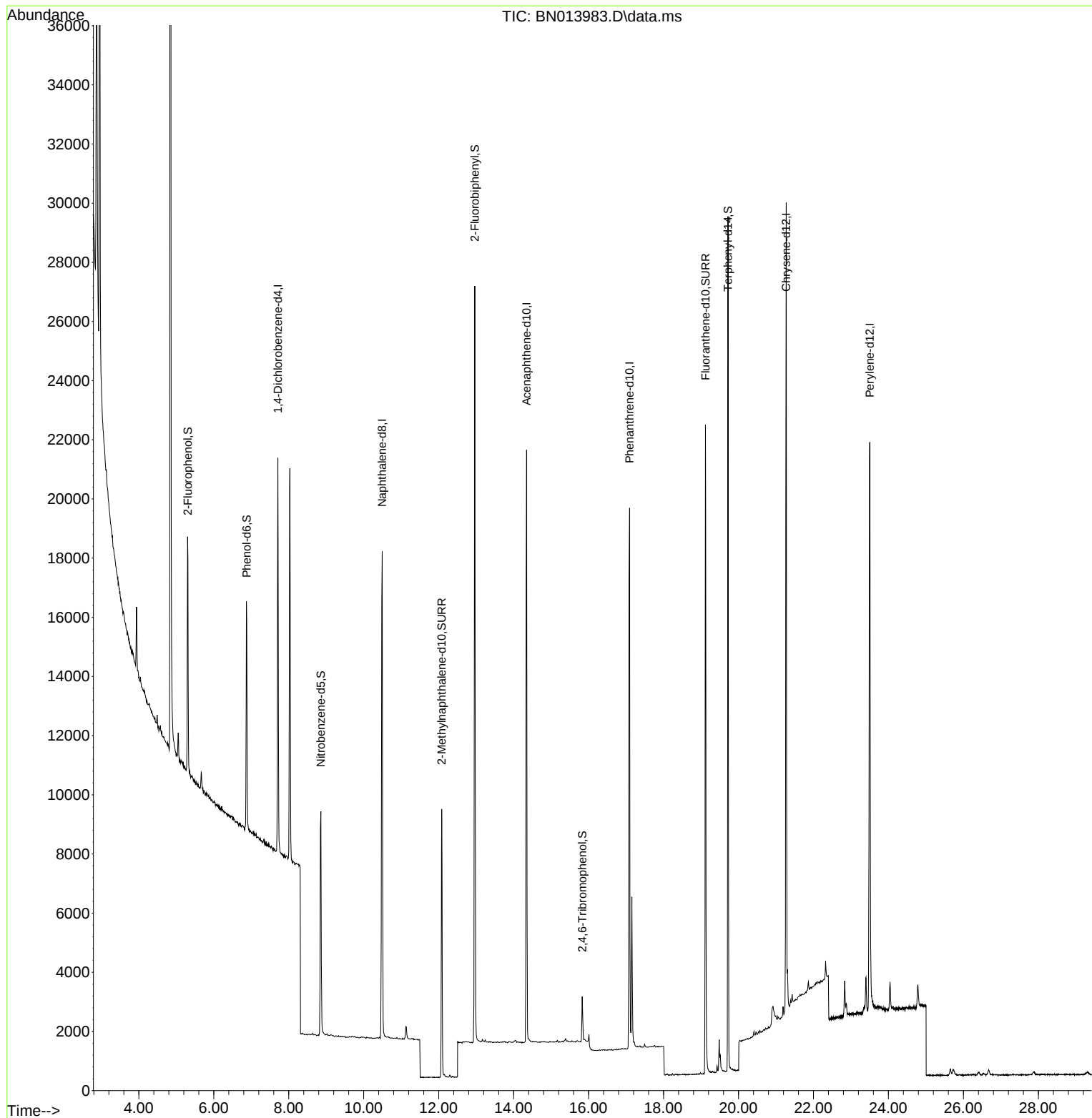
Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031921\  
Data File : BN013983.D  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Quant Time: Mar 18 16:22:27 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 18 15:58:40 2021  
Response via : Initial Calibration

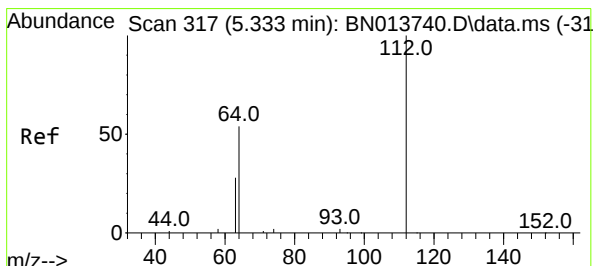
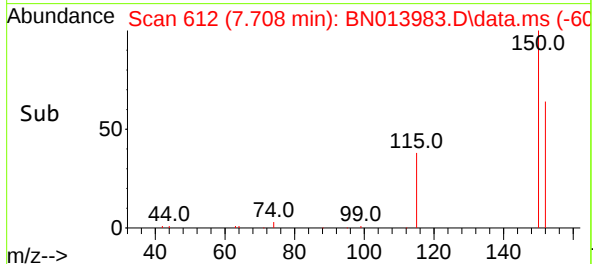
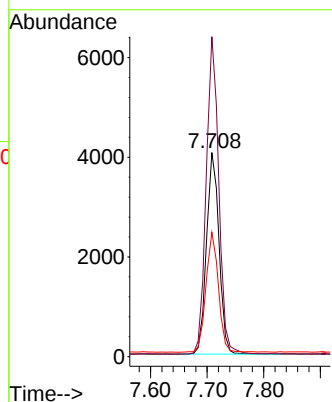
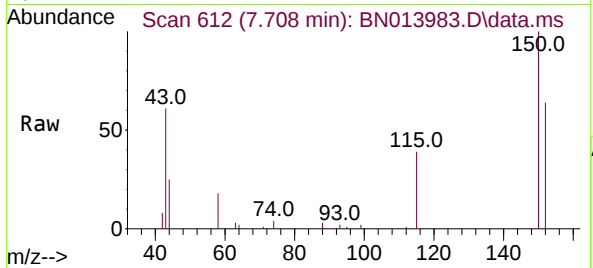




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.708 min Scan# 612  
Delta R.T. 0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

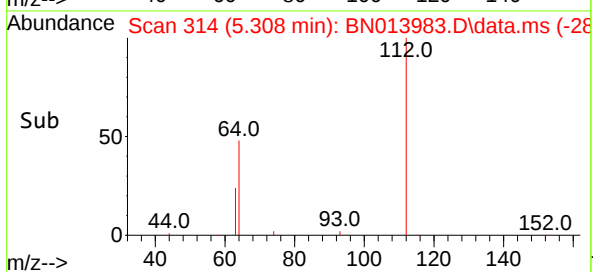
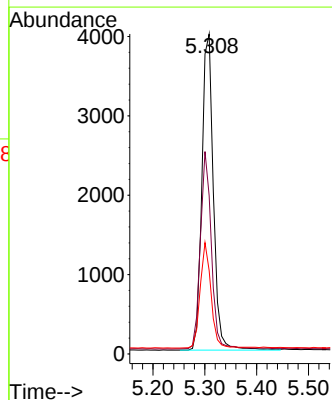
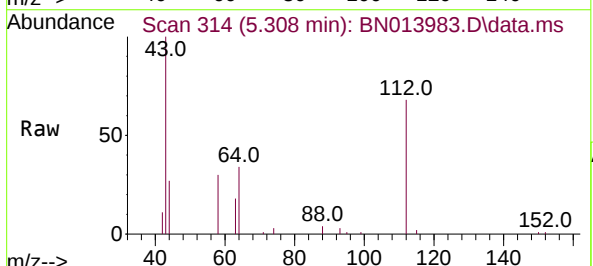
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BNA\_N  
ClientSampleId :  
PB135230BL

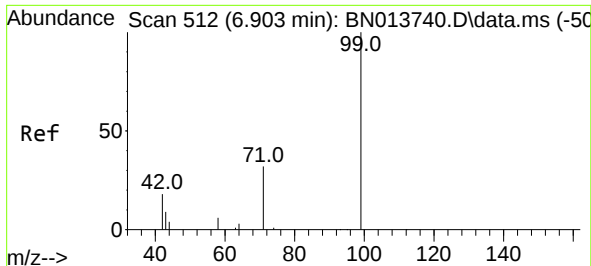
Tgt Ion:152 Resp: 6224  
Ion Ratio Lower Upper  
152 100  
150 156.7 121.8 182.8  
115 60.9 46.6 69.8



#4  
2-Fluorophenol  
Concen: 0.37 ng  
RT: 5.308 min Scan# 314  
Delta R.T. 0.008 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

Tgt Ion:112 Resp: 6167  
Ion Ratio Lower Upper  
112 100  
64 59.5 44.3 66.5  
63 31.6 23.0 34.6

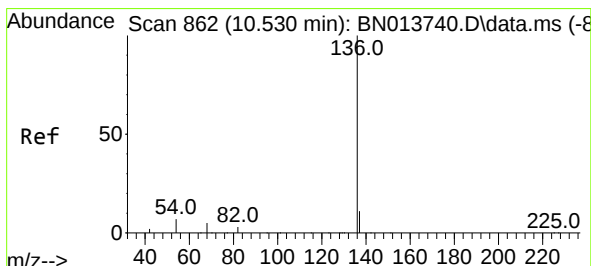
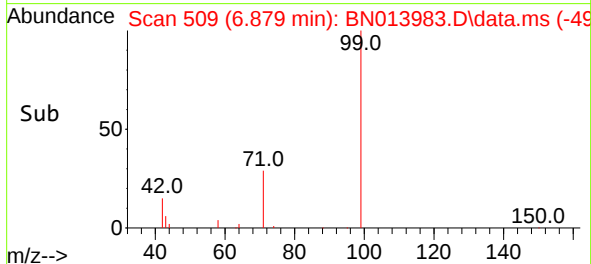
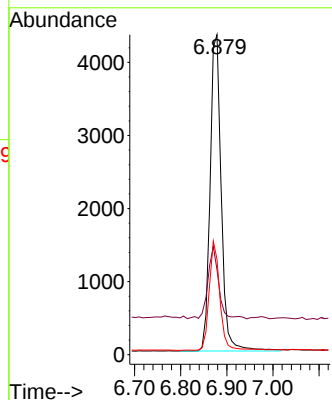
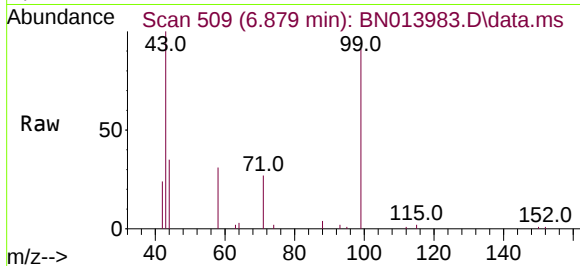




#5  
Phenol-d6  
Concen: 0.33 ng  
RT: 6.879 min Scan# 509  
Delta R.T. 0.008 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

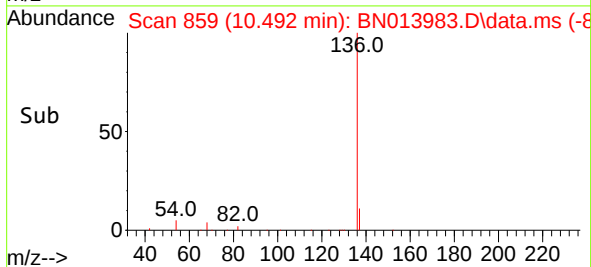
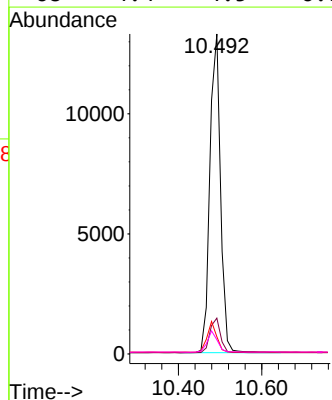
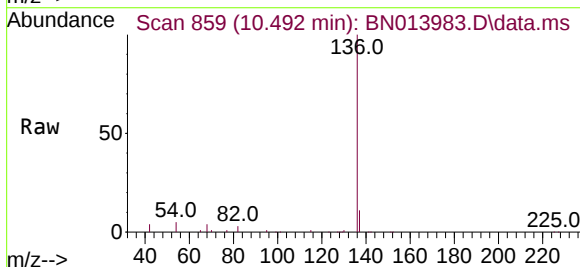
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ClientSampleId :  
PB135230BL

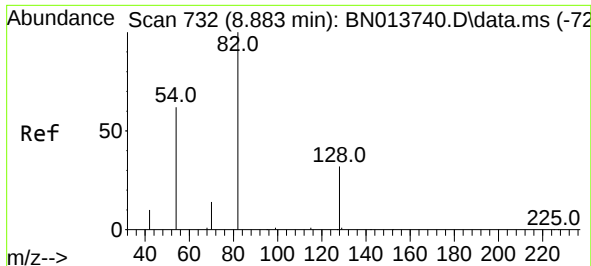
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7264  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.9  | 15.2  | 22.8  |
| 71       | 32.9  | 26.1  | 39.1  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 23506 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.0   | 13.6  |
| 54       | 5.4   | 6.4   | 9.6#  |
| 68       | 4.4   | 4.5   | 6.7#  |

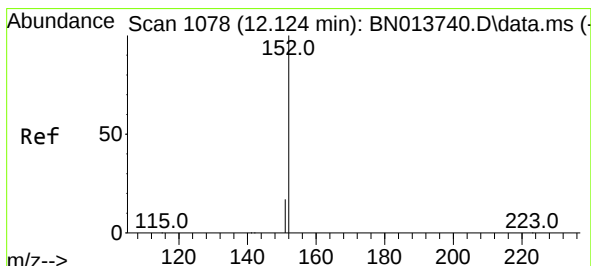
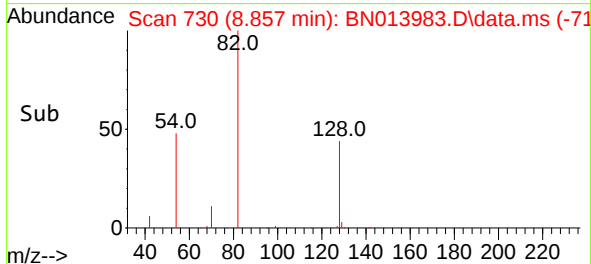
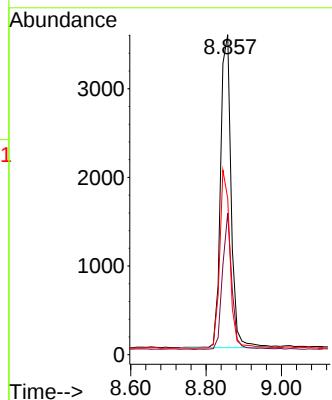
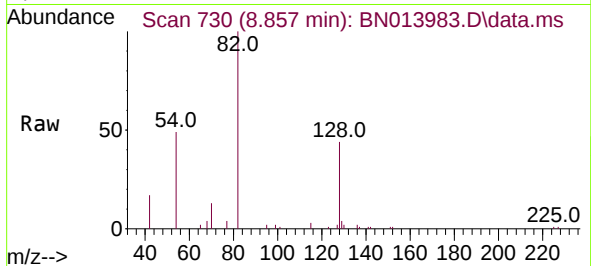




#8  
Nitrobenzene-d5  
Concen: 0.46 ng  
RT: 8.857 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

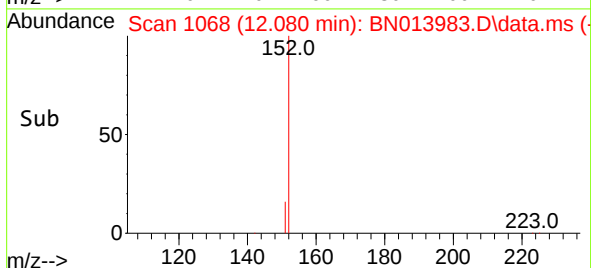
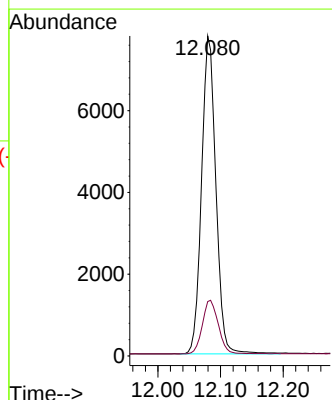
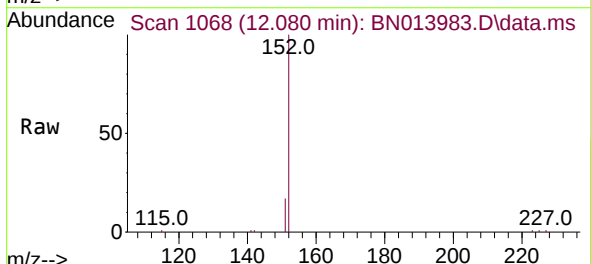
Instrument :  
BNA\_N  
ClientSampleId :  
PB135230BL

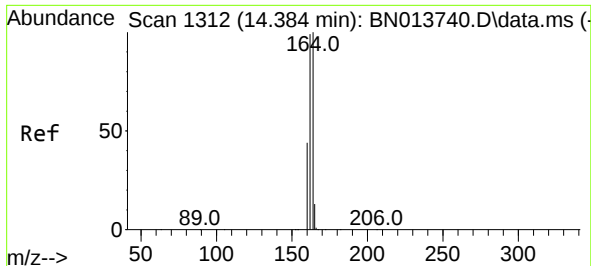
Tgt Ion: 82 Resp: 6924  
Ion Ratio Lower Upper  
82 100  
128 44.2 39.2 58.8  
54 48.8 40.1 60.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 12.080 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

Tgt Ion: 152 Resp: 12329  
Ion Ratio Lower Upper  
152 100  
151 18.8 16.2 24.2

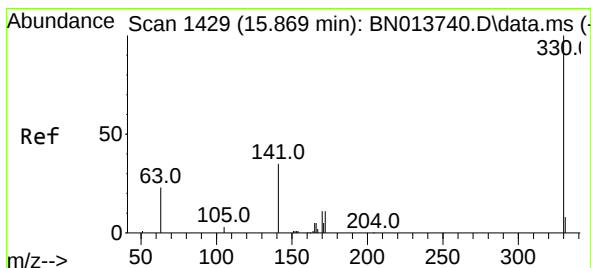
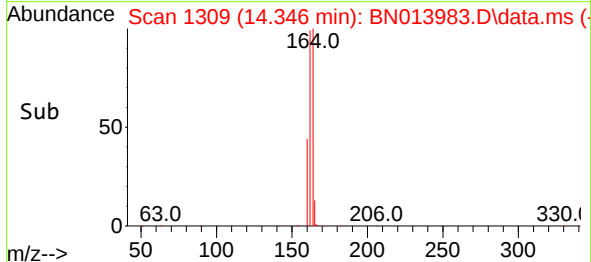
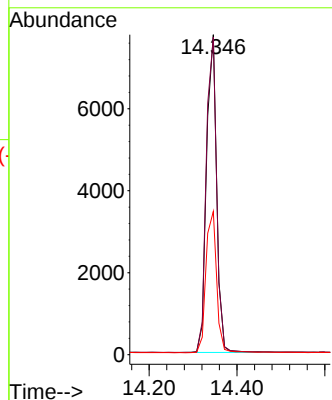
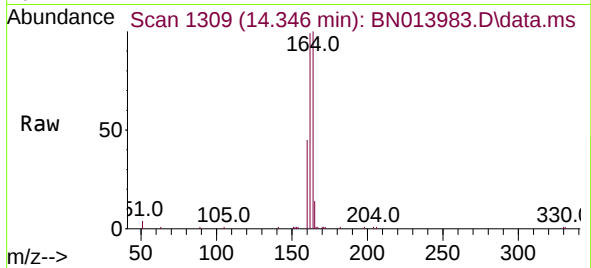




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

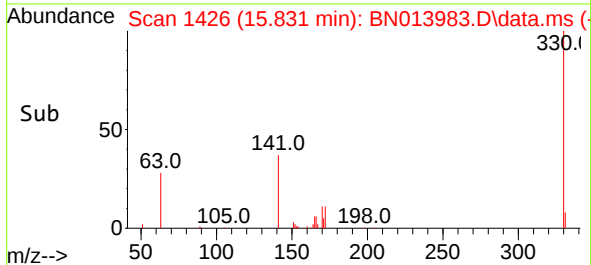
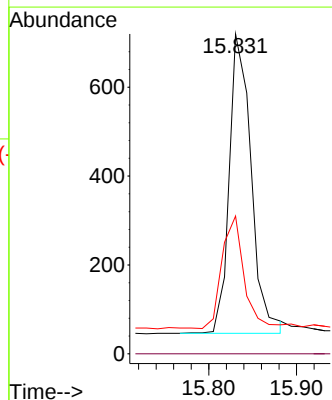
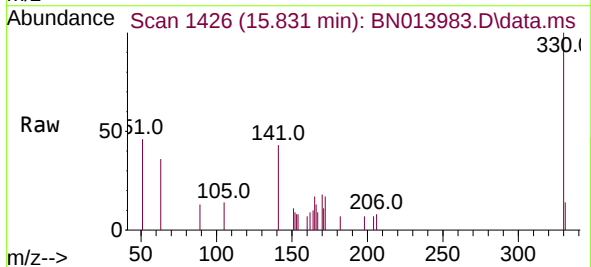
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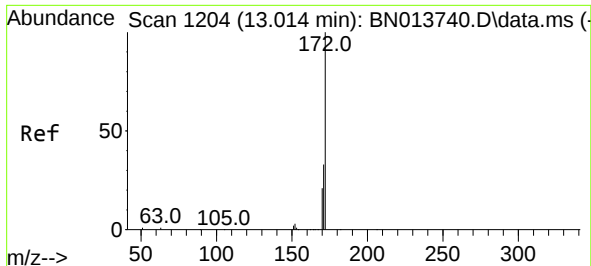
Tgt Ion:164 Resp: 12382  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.6 119.4  
160 44.7 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.23 ng  
RT: 15.831 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

Tgt Ion:330 Resp: 1169  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.4 26.8 40.2

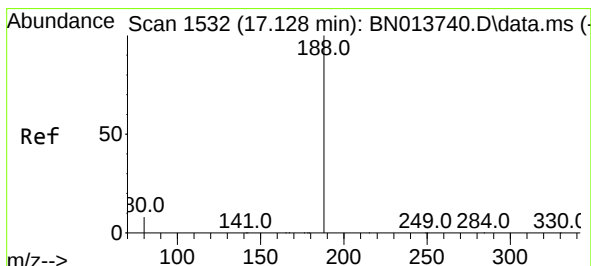
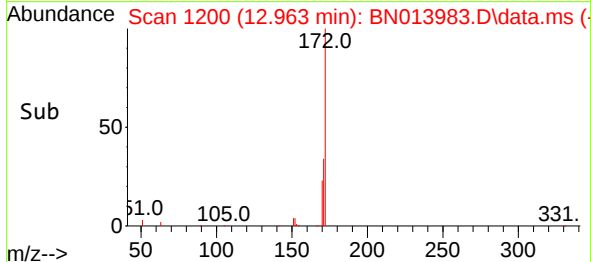
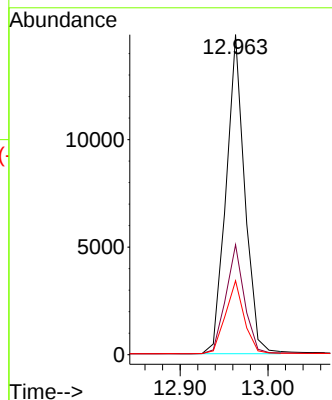
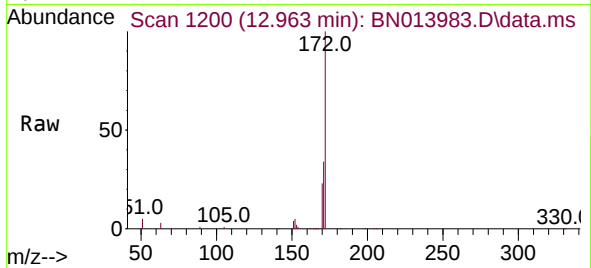




#15  
2-Fluorobiphenyl  
Concen: 0.50 ng  
RT: 12.963 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

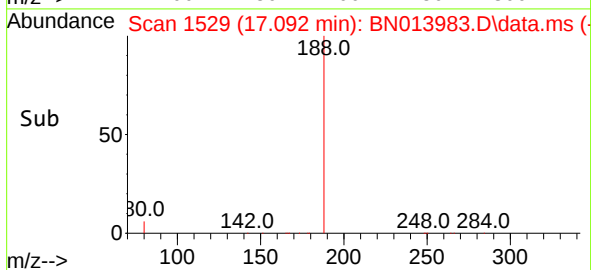
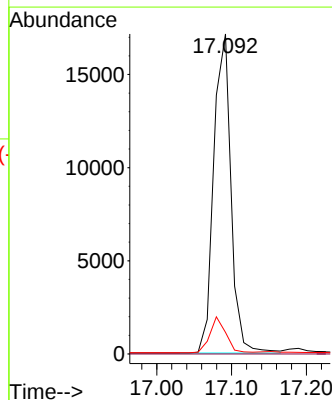
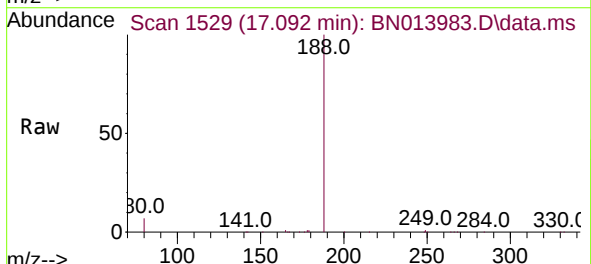
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ClientSampleId :  
PB135230BL

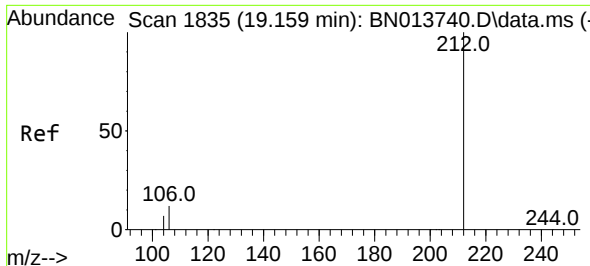
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| Tgt Ion:172 | Resp: | 21890     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.3  | 28.6 42.8 |
| 170         | 23.1  | 18.9 28.3 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.092 min Scan# 1529  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:188 | Resp: | 27486     |
| Ion Ratio   | Lower | Upper     |
| 188         | 100   |           |
| 94          | 0.0   | 0.0 0.0   |
| 80          | 6.7   | 9.0 13.6# |

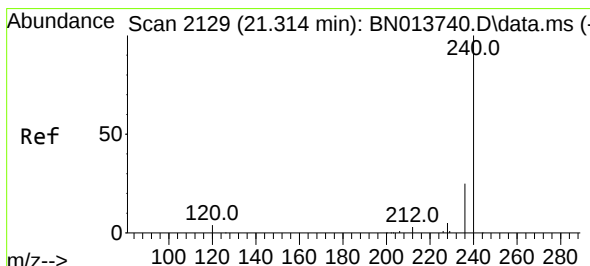
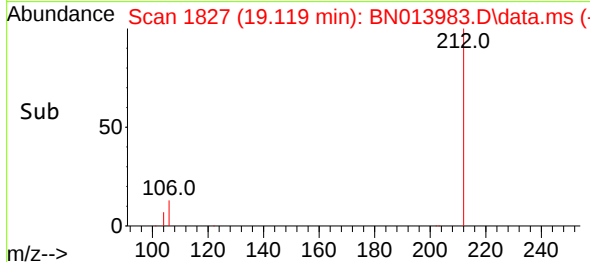
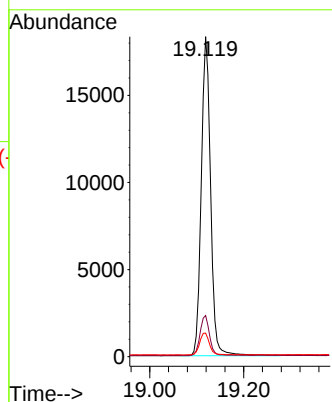
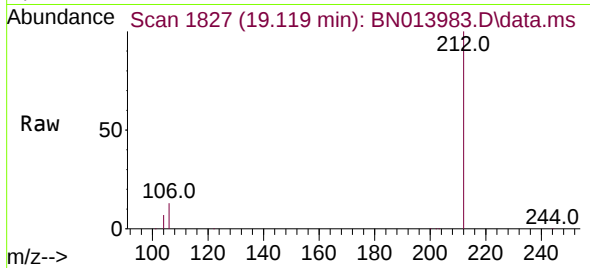




#27  
Fluoranthene-d10  
Concen: 0.31 ng  
RT: 19.119 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

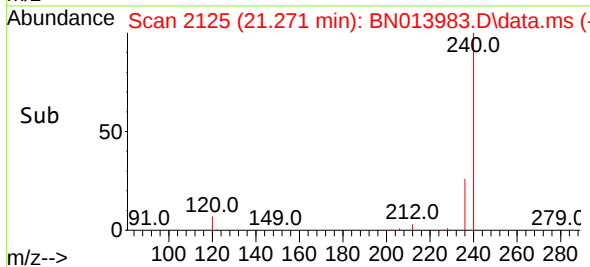
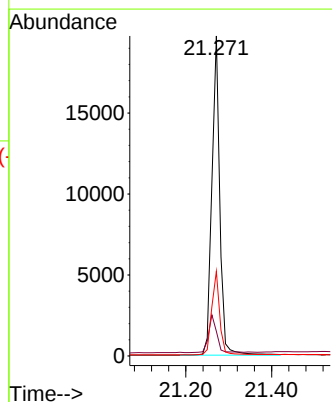
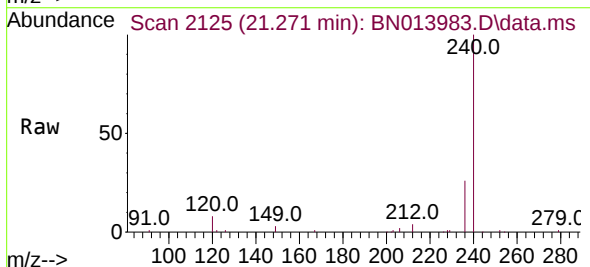
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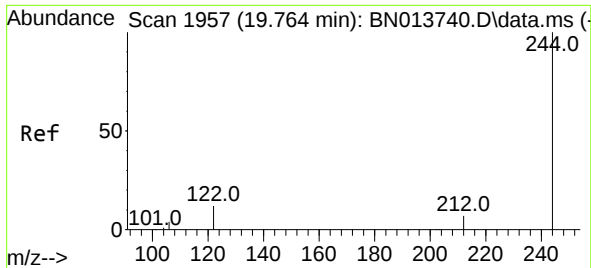
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Ion Ratio Lower Upper  
212 100  
106 12.5 9.7 14.5  
104 7.1 5.5 8.3



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.271 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BN013983.D  
Acq: 18 Mar 2021 15:43

Tgt Ion:240 Resp: 25240  
Ion Ratio Lower Upper  
240 100  
120 7.7 10.2 15.4#  
236 26.4 21.3 31.9

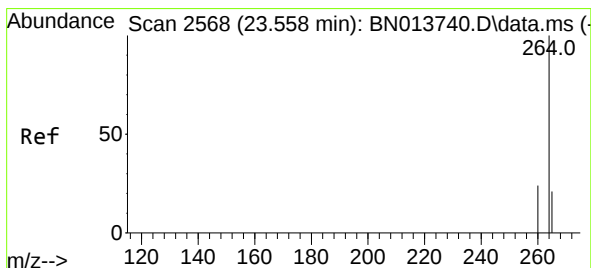
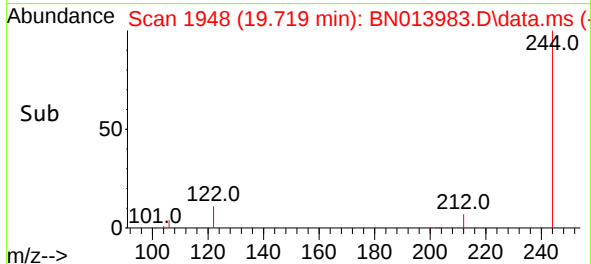
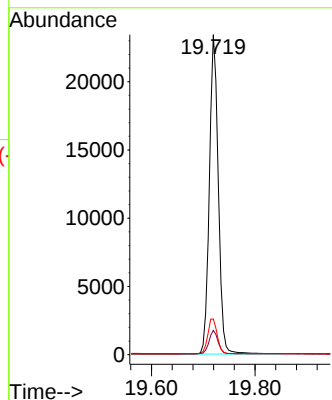
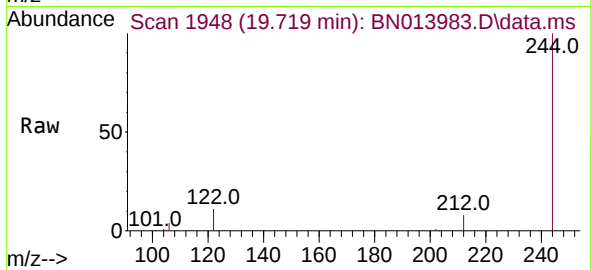




#31  
 Terphenyl-d14  
 Concen: 0.51 ng  
 RT: 19.719 min Scan# 1948  
 Delta R.T. -0.000 min  
 Lab File: BN013983.D  
 Acq: 18 Mar 2021 15:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135230BL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 28184    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.6   | 6.1 9.1  |
| 122         | 11.2  | 9.8 14.8 |



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.499 min Scan# 2551  
 Delta R.T. -0.000 min  
 Lab File: BN013983.D  
 Acq: 18 Mar 2021 15:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 26394      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.2  | 19.3 28.9  |
| 265         | 32.1  | 66.2 99.4# |

