

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
 Data File : BN014073.D  
 Acq On : 24 Mar 2021 16:47  
 Operator : CG/JU  
 Sample : PB135330BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135330BL

Quant Time: Mar 24 17:23:05 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 11:06:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.700  | 152  | 5536     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.467 | 136  | 20929    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10        | 14.321 | 164  | 10898    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.055 | 188  | 23180    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.237 | 240  | 21904    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.442 | 264  | 21846    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.292  | 112  | 4262     | 0.33 | ng    | 0.00     |
| 5) Phenol-d6                | 6.863  | 99   | 4956     | 0.31 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.832  | 82   | 4289     | 0.31 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.062 | 152  | 11075    | 0.34 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.818 | 330  | 850      | 0.24 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.938 | 172  | 13553    | 0.33 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 19.091 | 212  | 20110    | 0.31 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.687 | 244  | 17082    | 0.36 | ng    | 0.00     |

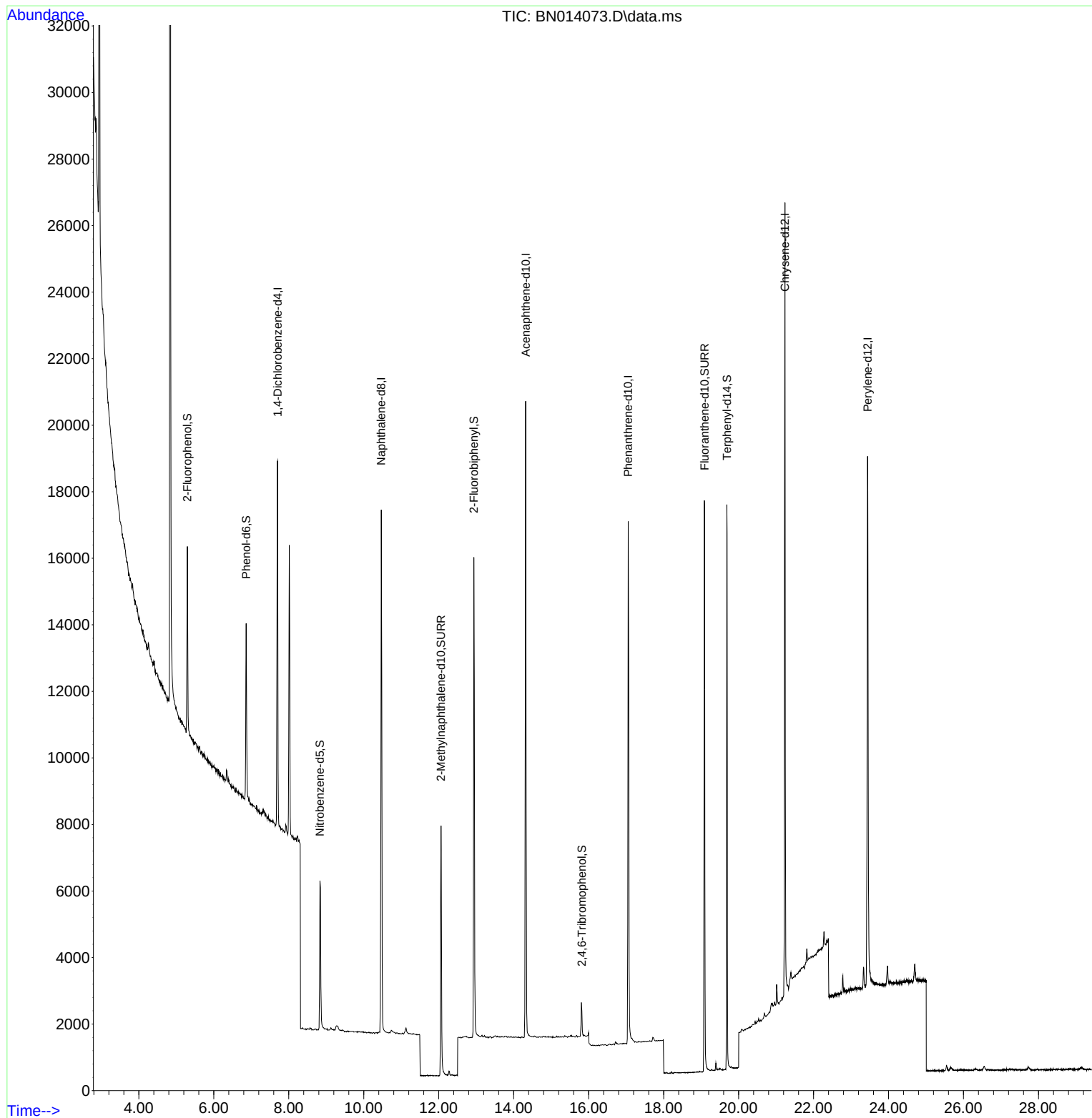
Target Compounds Qvalue

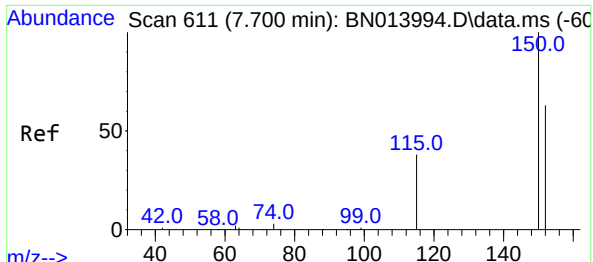
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032421\  
Data File : BN014073.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 23 11:06:27 2021  
Response via : Initial Calibration

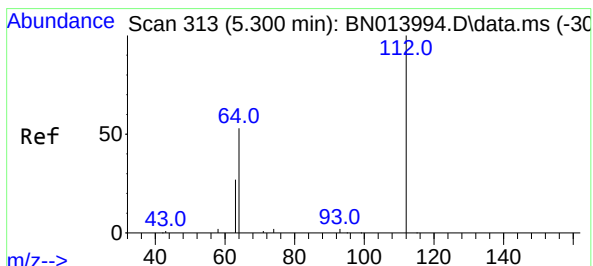
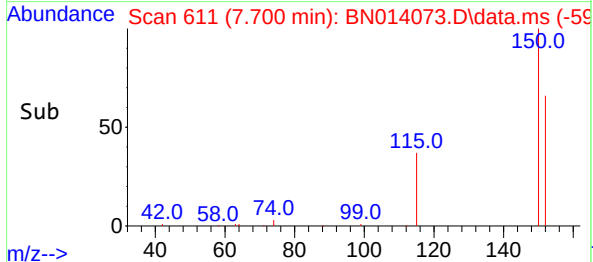
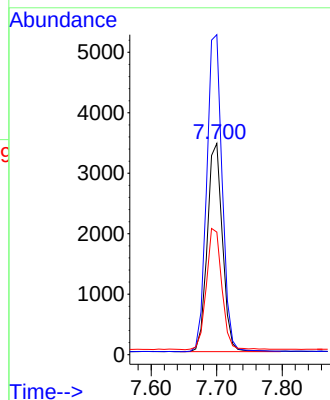
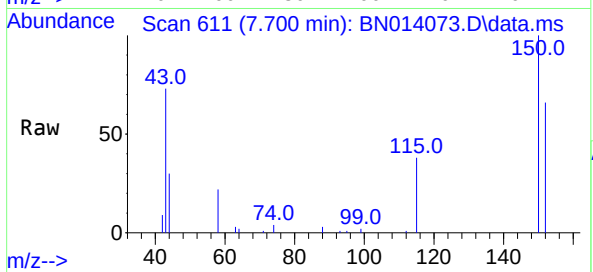




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.700 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

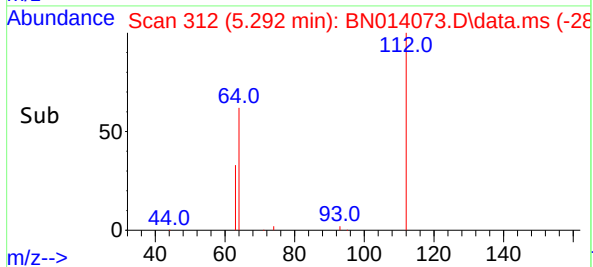
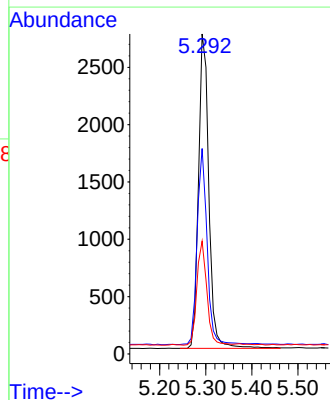
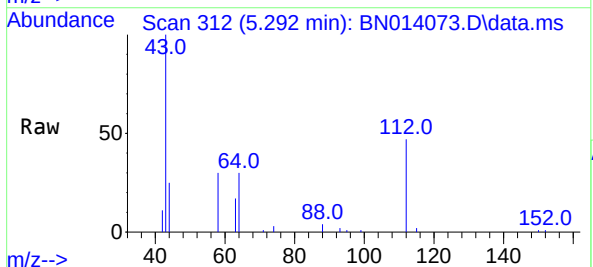
Instrument :  
BNA\_N  
ClientSampleId :  
PB135330BL

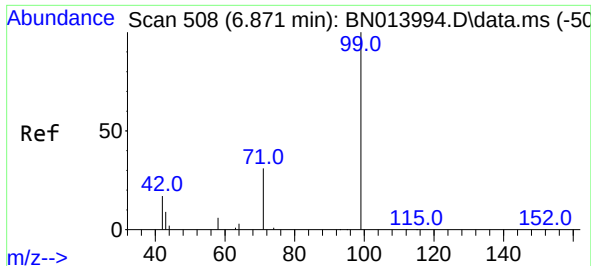
Tgt Ion:152 Resp: 5536  
Ion Ratio Lower Upper  
152 100  
150 151.5 121.8 182.8  
115 58.0 46.6 69.8



#4  
2-Fluorophenol  
Concen: 0.33 ng  
RT: 5.292 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

Tgt Ion:112 Resp: 4262  
Ion Ratio Lower Upper  
112 100  
64 59.7 44.3 66.5  
63 31.8 23.0 34.6

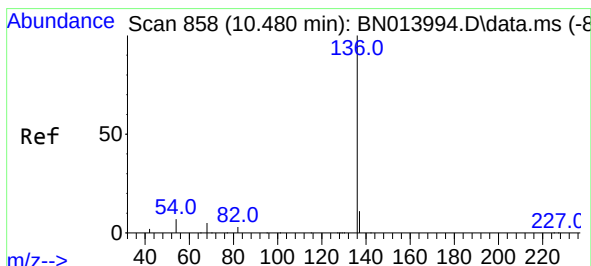
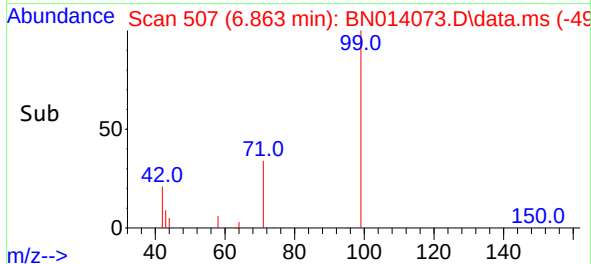
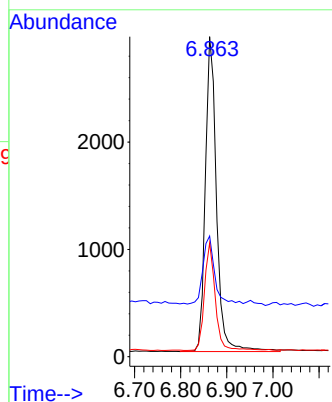
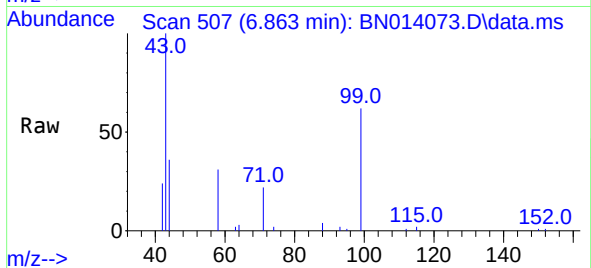




#5  
Phenol-d6  
Concen: 0.31 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

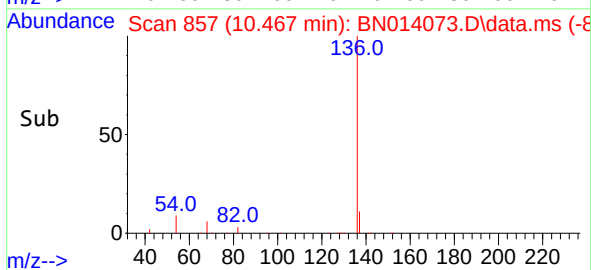
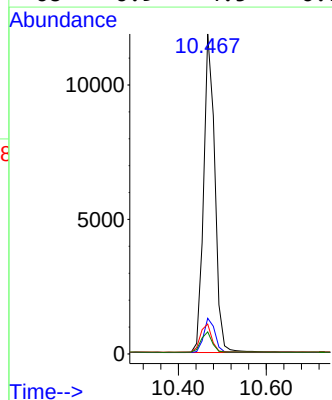
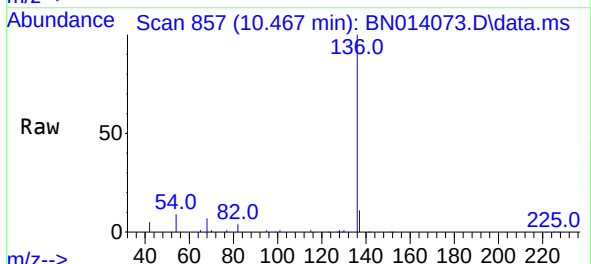
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BNA\_N  
ClientSampleId :  
PB135330BL

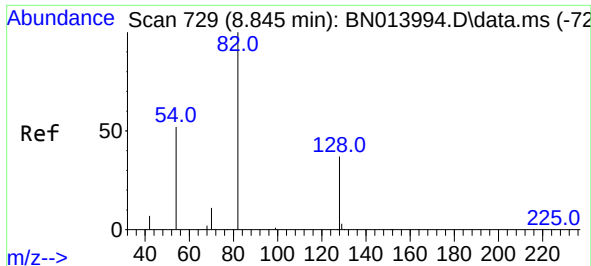
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 4956  |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 22.4     | 15.2 22.8   |
| 71 33.3     | 26.1 39.1   |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

|              |             |
|--------------|-------------|
| Tgt Ion: 136 | Resp: 20929 |
| Ion Ratio    | Lower Upper |
| 136 100      |             |
| 137 11.1     | 9.0 13.6    |
| 54 9.4       | 6.4 9.6     |
| 68 6.9       | 4.5 6.7     |

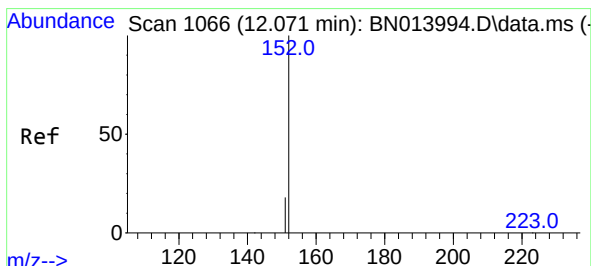
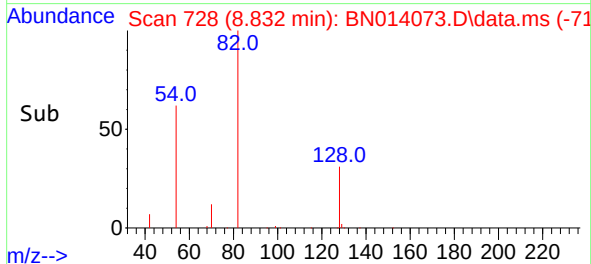
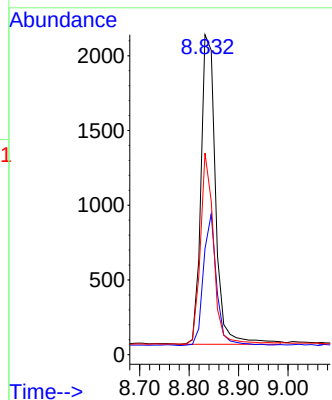
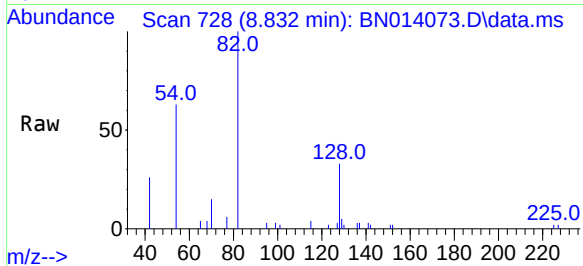




#8  
Nitrobenzene-d5  
Concen: 0.31 ng  
RT: 8.832 min Scan# 728  
Delta R.T. -0.012 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

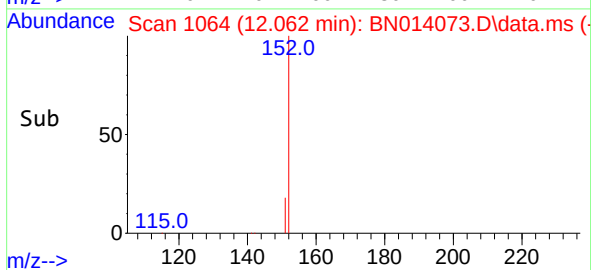
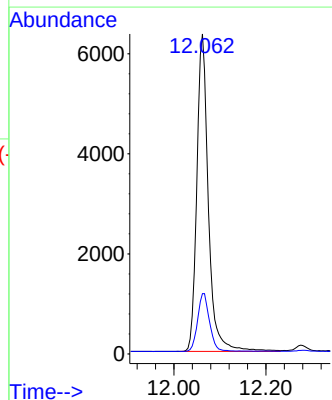
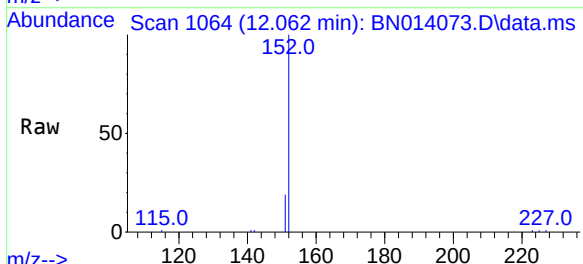
Instrument :  
BNA\_N  
ClientSampleId :  
PB135330BL

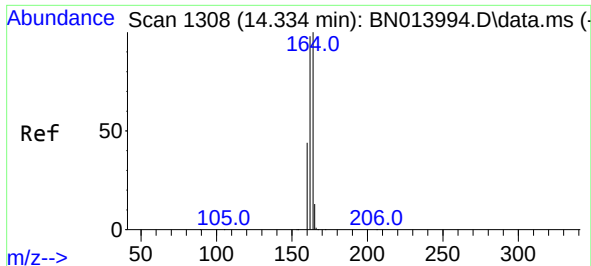
Tgt Ion: 82 Resp: 4289  
Ion Ratio Lower Upper  
82 100  
128 33.1 39.2 58.8#  
54 63.0 40.1 60.1#



#11  
2-Methylnaphthalene-d10  
Concen: 0.34 ng  
RT: 12.062 min Scan# 1064  
Delta R.T. -0.004 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

Tgt Ion: 152 Resp: 11075  
Ion Ratio Lower Upper  
152 100  
151 18.8 16.2 24.2

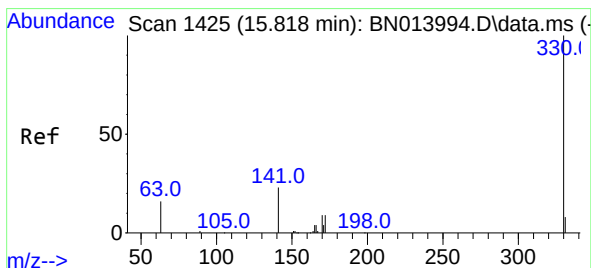
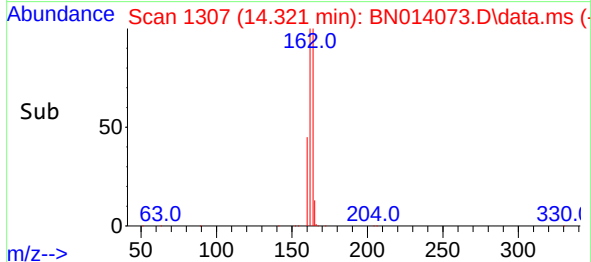
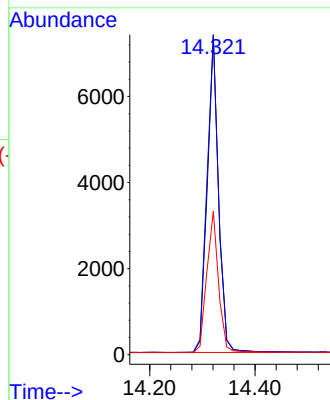
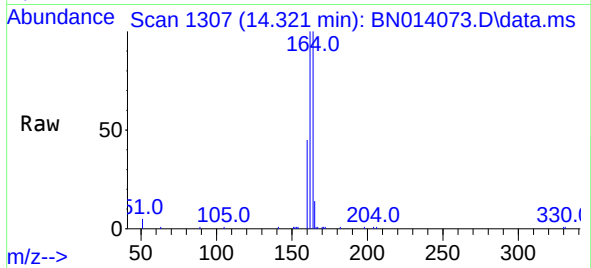




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

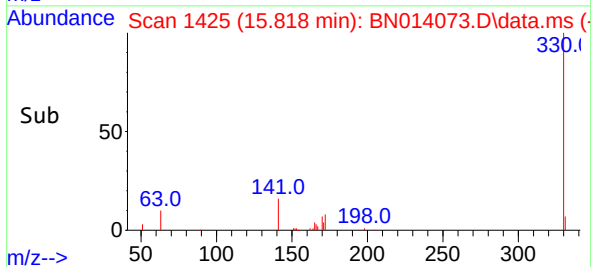
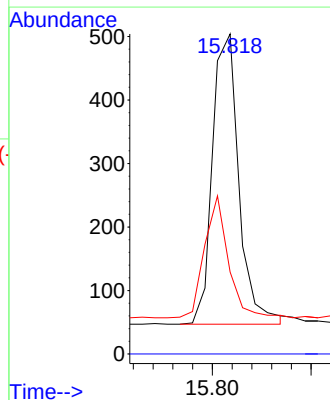
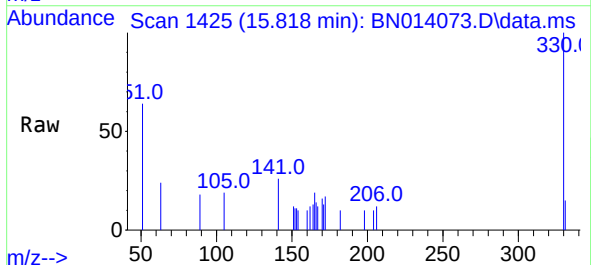
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PB135330BL

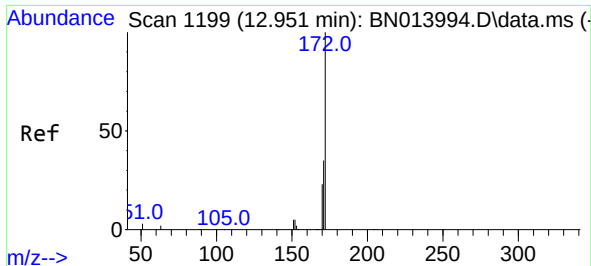
Tgt Ion:164 Resp: 10898  
Ion Ratio Lower Upper  
164 100  
162 100.3 79.6 119.4  
160 45.0 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.24 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

Tgt Ion:330 Resp: 850  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.5 26.8 40.2

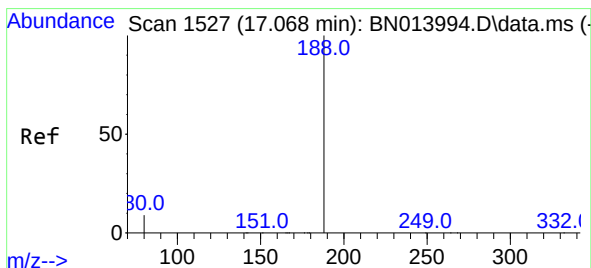
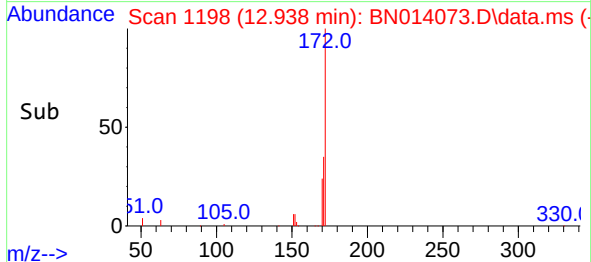
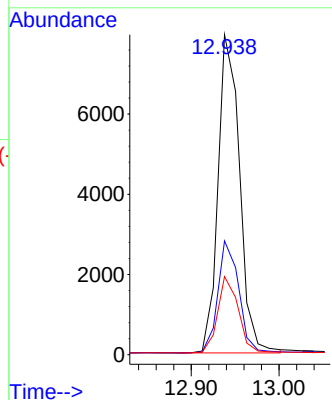
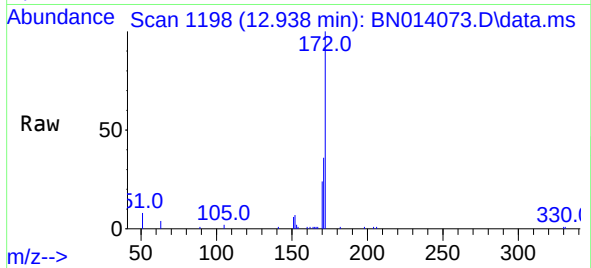




#15  
2-Fluorobiphenyl  
Concen: 0.33 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

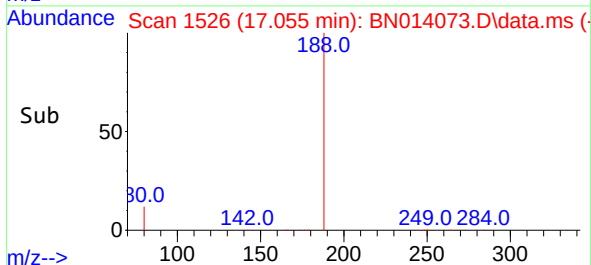
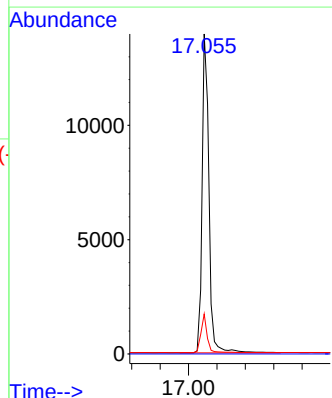
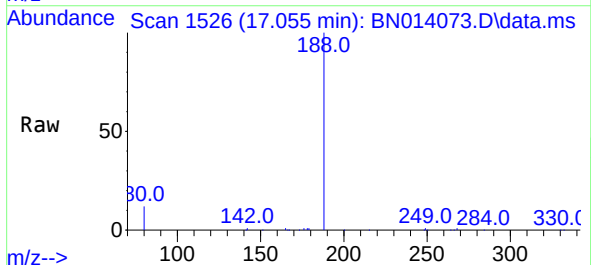
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ClientSampleId :  
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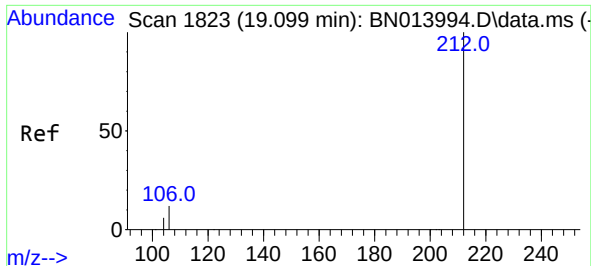
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 13553 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.5  | 28.6  | 42.8  |
| 170      | 24.4  | 18.9  | 28.3  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.055 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 23180 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 12.5  | 9.0   | 13.6  |

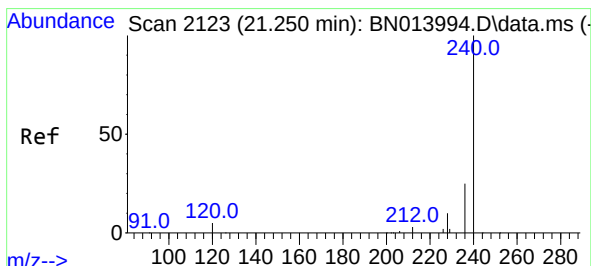
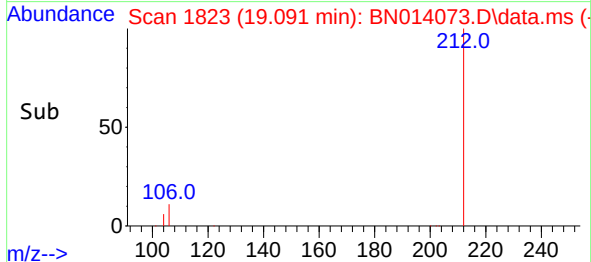
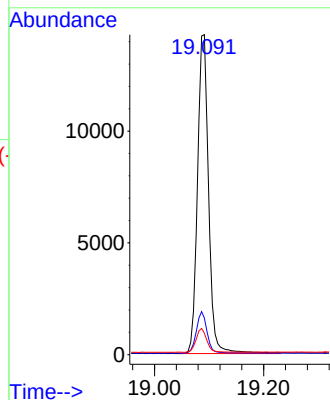
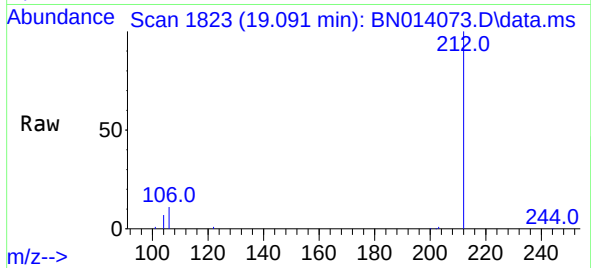




#27  
Fluoranthene-d10  
Concen: 0.31 ng  
RT: 19.091 min Scan# 1823  
Delta R.T. 0.003 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

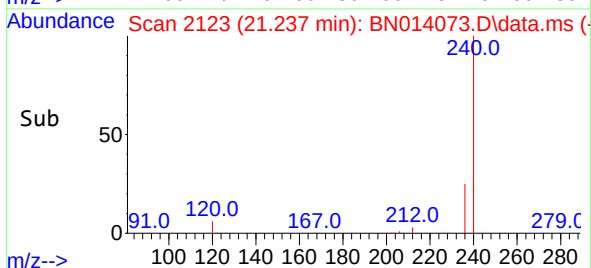
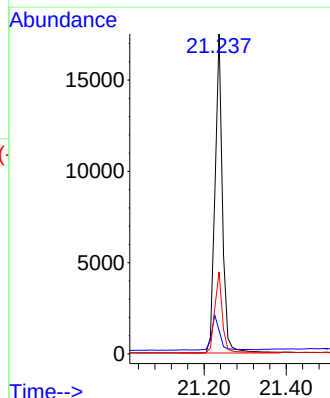
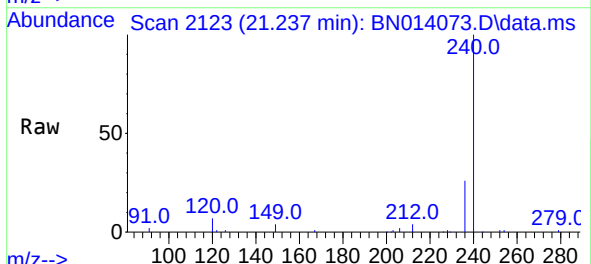
Instrument :  
BNA\_N  
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PB135330BL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:212 | Resp: | 20110    |
| Ion Ratio   | Lower | Upper    |
| 212         | 100   |          |
| 106         | 12.6  | 9.7 14.5 |
| 104         | 7.1   | 5.5 8.3  |

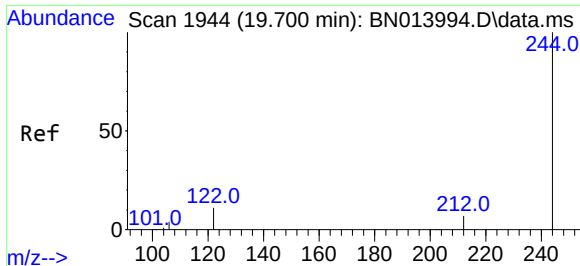


#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.237 min Scan# 2123  
Delta R.T. -0.002 min  
Lab File: BN014073.D  
Acq: 24 Mar 2021 16:47

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:240 | Resp: | 21904      |
| Ion Ratio   | Lower | Upper      |
| 240         | 100   |            |
| 120         | 7.3   | 10.2 15.4# |
| 236         | 25.7  | 21.3 31.9  |



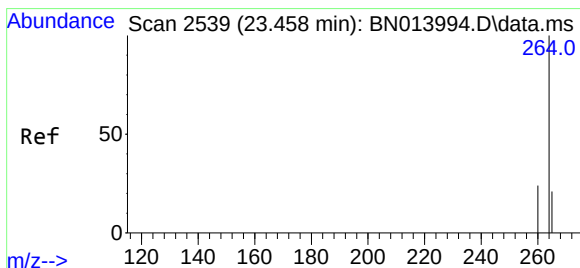
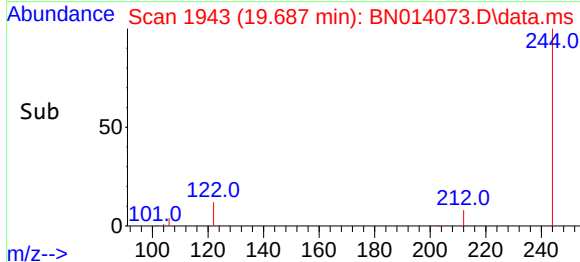
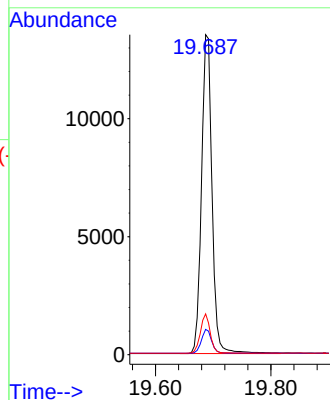
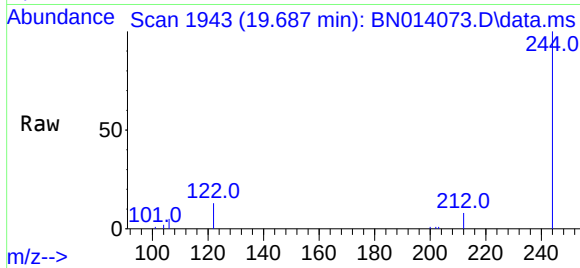




#31  
 Terphenyl-d14  
 Concen: 0.36 ng  
 RT: 19.687 min Scan# 1943  
 Delta R.T. -0.002 min  
 Lab File: BN014073.D  
 Acq: 24 Mar 2021 16:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135330BL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 17082    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.9   | 6.1 9.1  |
| 122         | 12.8  | 9.8 14.8 |



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.442 min Scan# 2536  
 Delta R.T. -0.006 min  
 Lab File: BN014073.D  
 Acq: 24 Mar 2021 16:47

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 21846      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.8  | 19.3 28.9  |
| 265         | 35.7  | 66.2 99.4# |

