

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102920\  
 Data File : BN012440.D  
 Acq On : 29 Oct 2020 16:20  
 Operator : CG/JU  
 Sample : L4560-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 B308-B309-LOC3-SO-0004

Quant Time: Oct 29 16:53:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 28 10:32:42 2020  
 Response via : Initial Calibration

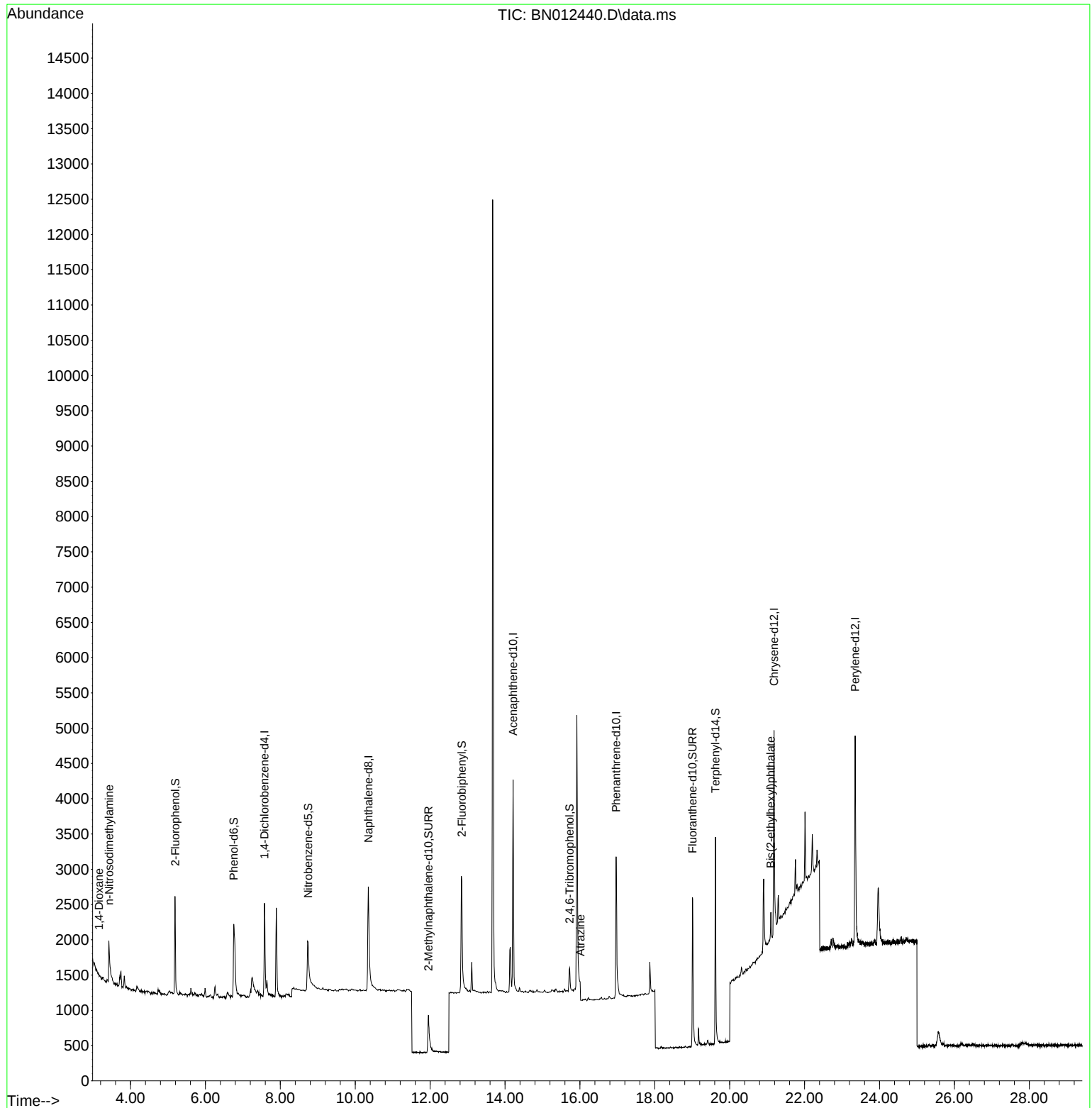
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.578  | 152  | 751      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.352 | 136  | 3025     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.217 | 164  | 1803     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.968 | 188  | 3676     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.184 | 240  | 3742     | 0.40 | ng    | # 0.01   |
| 36) Perylene-d12              | 23.350 | 264  | 4270     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.194  | 112  | 979      | 0.37 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.757  | 99   | 938      | 0.30 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.742  | 82   | 1093     | 0.33 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.953 | 152  | 1277     | 0.26 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.727 | 330  | 331      | 0.26 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.847 | 172  | 2233     | 0.33 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.008 | 212  | 3248     | 0.29 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.618 | 244  | 3556     | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.157  | 88   | 55       | 0.04 | ng    | # 31     |
| 3) n-Nitrosodimethylamine     | 3.431  | 42   | 245      | 0.08 | ng    | # 8      |
| 23) Atrazine                  | 16.019 | 200  | 136      | 0.06 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 306      | 0.04 | ng    | # 88     |
| -----                         |        |      |          |      |       |          |

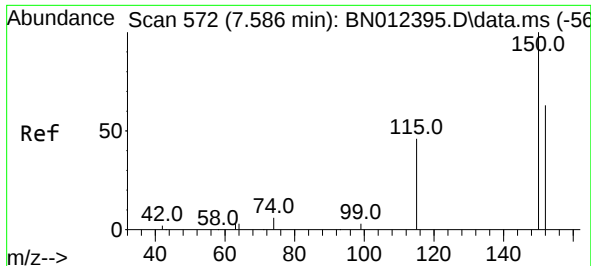
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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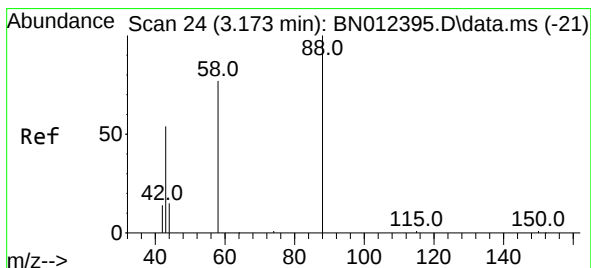
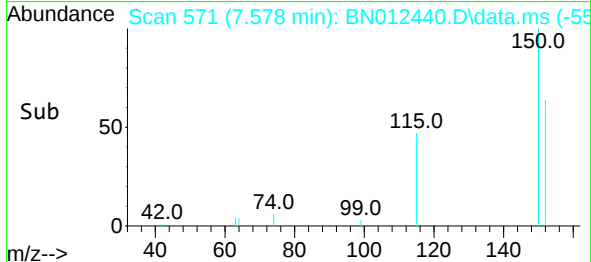
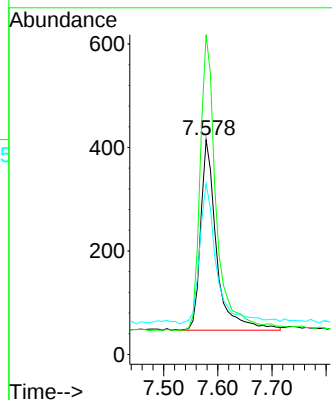
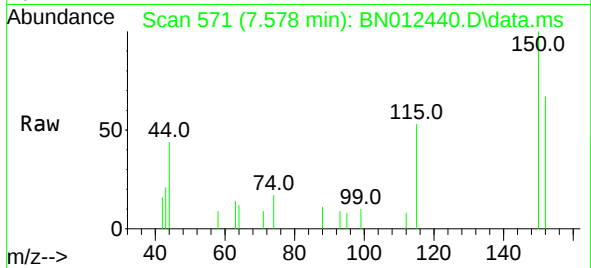




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.578 min Scan# 571  
 Delta R.T. 0.000 min  
 Lab File: BN012440.D  
 Acq: 29 Oct 2020 16:20

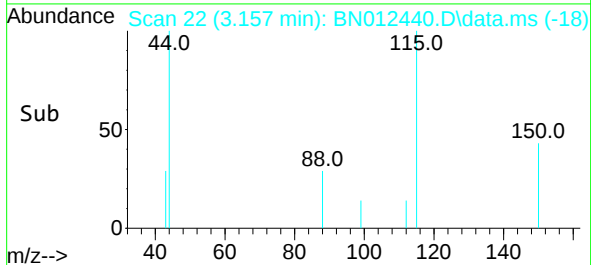
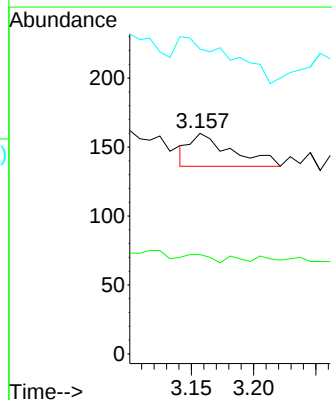
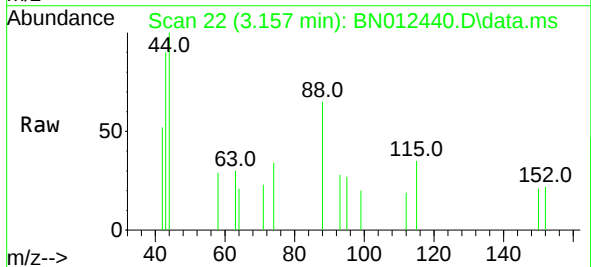
Instrument :  
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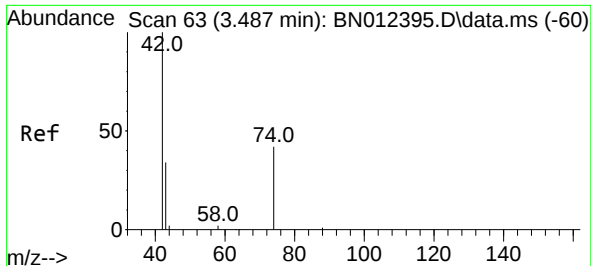
Tgt Ion:152 Resp: 751  
 Ion Ratio Lower Upper  
 152 100  
 150 148.9 116.6 174.8  
 115 79.5 52.9 79.3#



#2  
 1,4-Dioxane  
 Concen: 0.04 ng  
 RT: 3.157 min Scan# 22  
 Delta R.T. -0.016 min  
 Lab File: BN012440.D  
 Acq: 29 Oct 2020 16:20

Tgt Ion: 88 Resp: 55  
 Ion Ratio Lower Upper  
 88 100  
 58 14.5 59.4 89.2#  
 43 0.0 32.3 48.5#

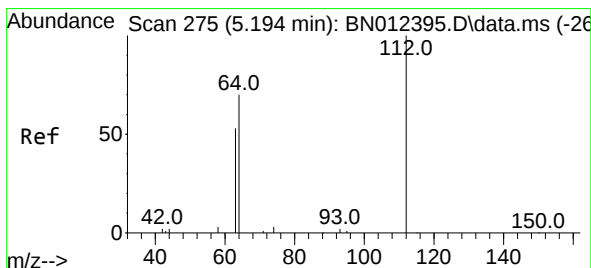
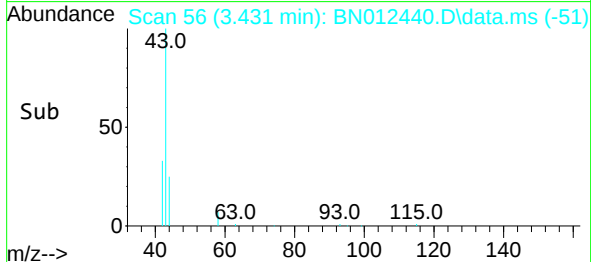
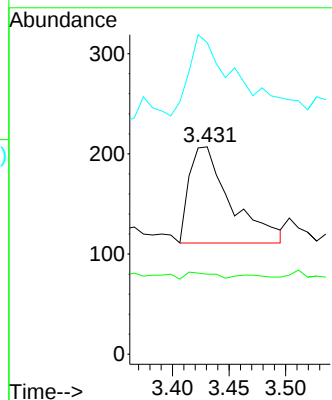
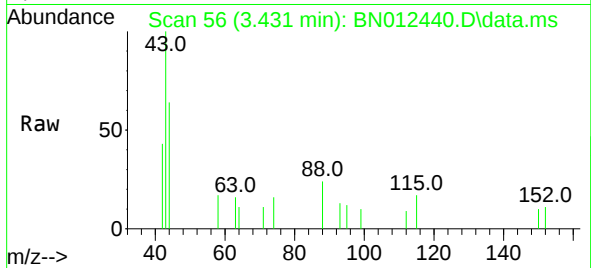




#3  
n-Nitrosodimethylamine  
Concen: 0.08 ng  
RT: 3.431 min Scan# 56  
Delta R.T. -0.056 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

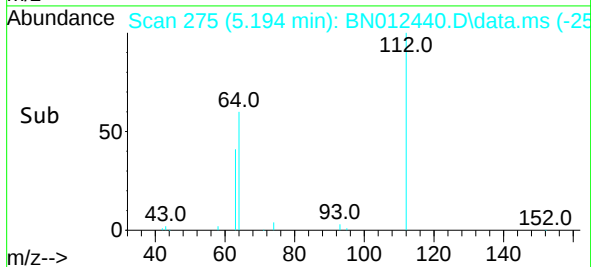
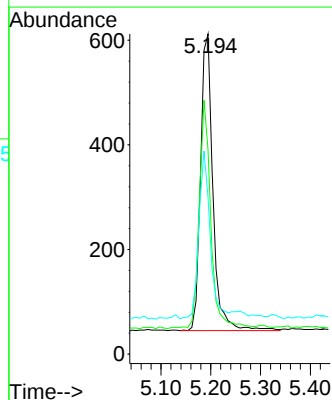
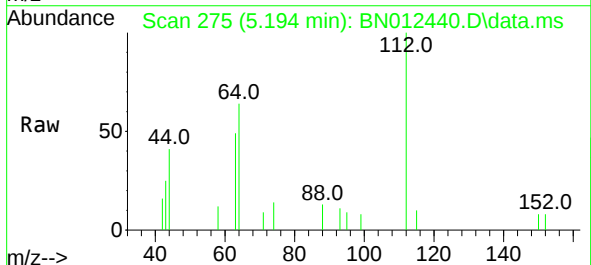
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

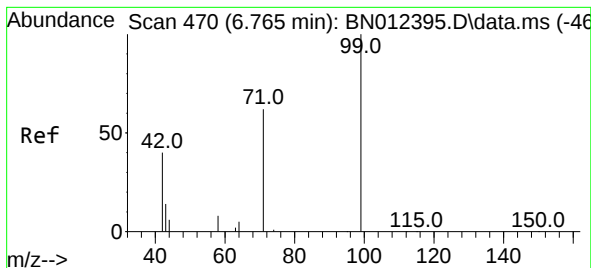
Tgt Ion: 42 Resp: 245  
Ion Ratio Lower Upper  
42 100  
74 4.9 64.4 96.6#  
44 86.1 2.8 4.2#



#4  
2-Fluorophenol  
Concen: 0.37 ng  
RT: 5.194 min Scan# 275  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

Tgt Ion: 112 Resp: 979  
Ion Ratio Lower Upper  
112 100  
64 72.4 49.5 74.3  
63 51.4 32.0 48.0#





#5

Phenol-d6

Concen: 0.30 ng

RT: 6.757 min Scan# 469

Delta R.T. -0.008 min

Lab File: BN012440.D

Acq: 29 Oct 2020 16:20

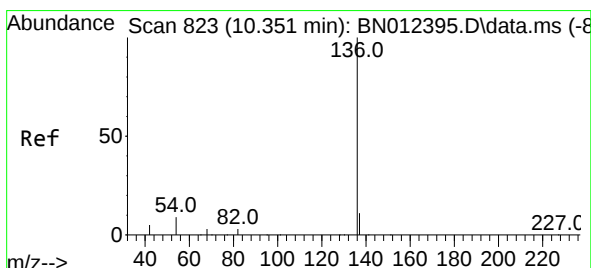
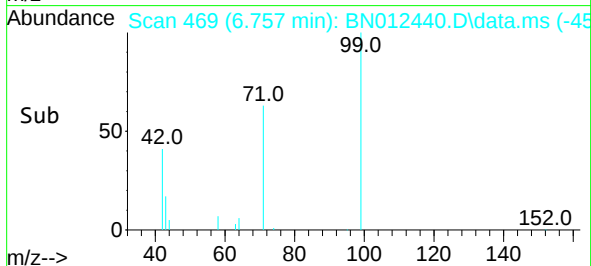
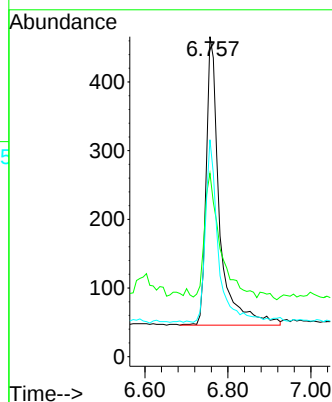
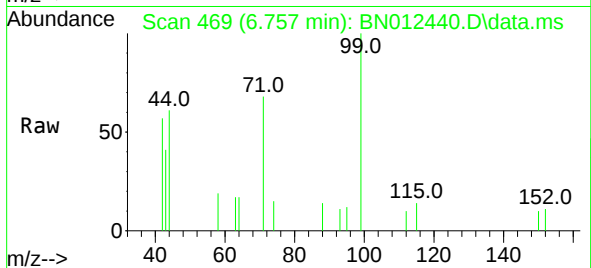
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 938   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 51.2  | 22.4  | 33.6# |
| 71       | 60.4  | 37.8  | 56.6# |

Instrument :

BNA\_N

ClientSampleId :

B308-B309-LOC3-SO-0004



#7

Naphthalene-d8

Concen: 0.40 ng

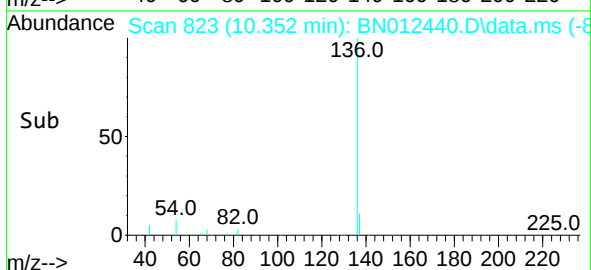
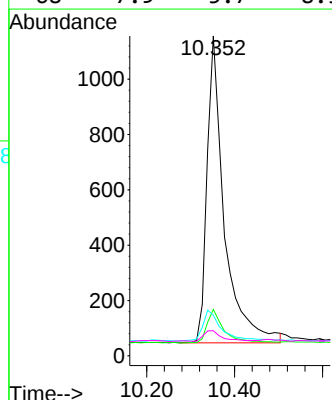
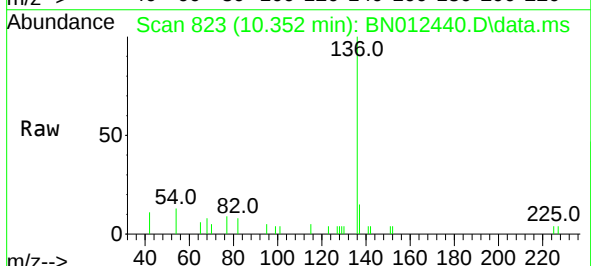
RT: 10.352 min Scan# 823

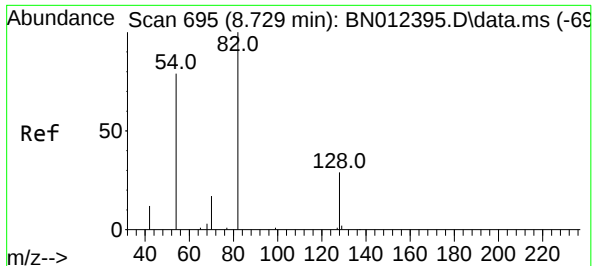
Delta R.T. 0.000 min

Lab File: BN012440.D

Acq: 29 Oct 2020 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3025  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.5  | 10.6  | 15.8  |
| 54       | 12.7  | 8.6   | 12.8  |
| 68       | 7.9   | 5.7   | 8.5   |

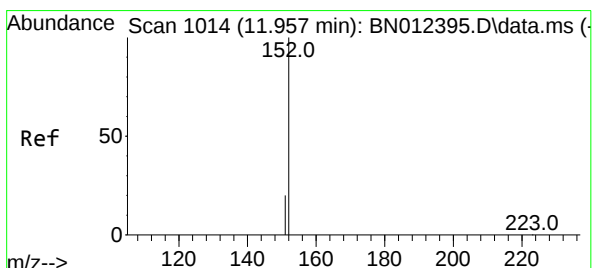
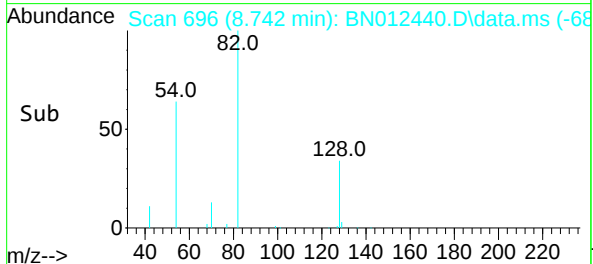
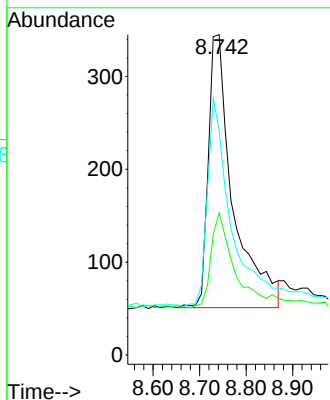
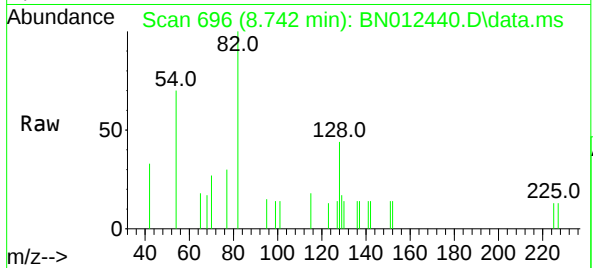




#8  
Nitrobenzene-d5  
Concen: 0.33 ng  
RT: 8.742 min Scan# 696  
Delta R.T. 0.013 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

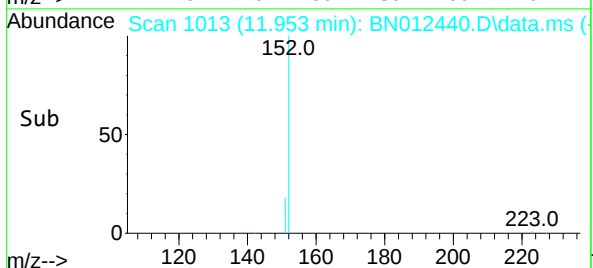
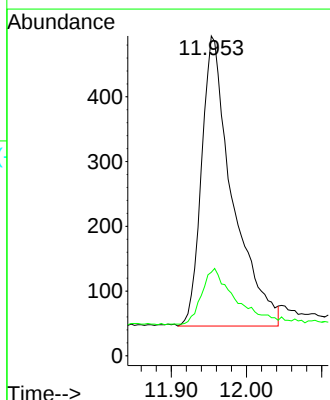
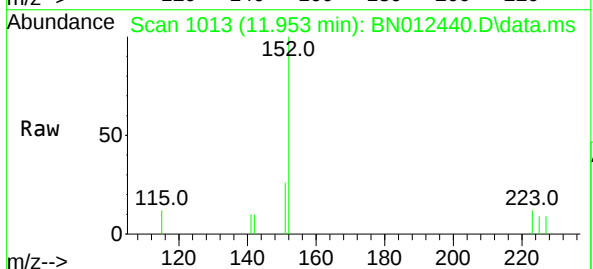
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

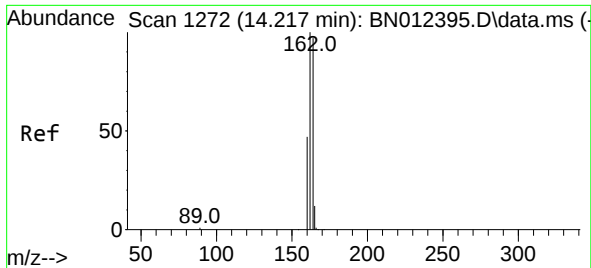
Tgt Ion: 82 Resp: 1093  
Ion Ratio Lower Upper  
82 100  
128 44.3 30.6 46.0  
54 70.1 48.3 72.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.26 ng  
RT: 11.953 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

Tgt Ion: 152 Resp: 1277  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.7 25.1

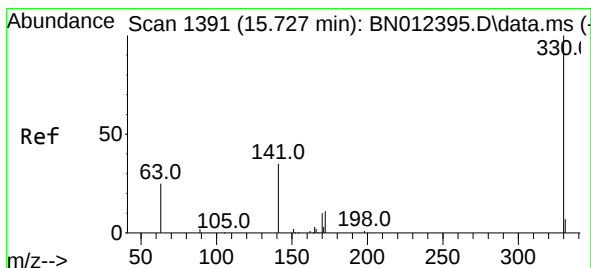
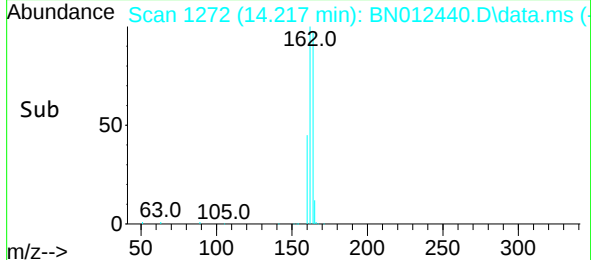
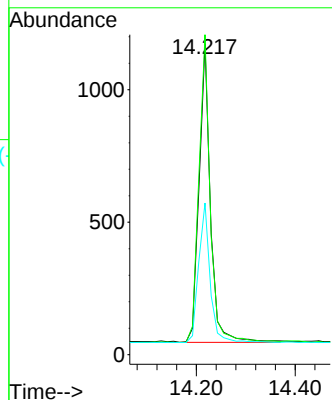
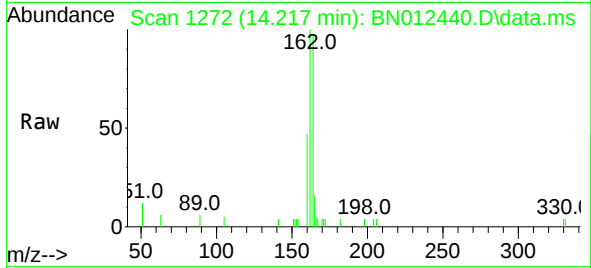




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.217 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

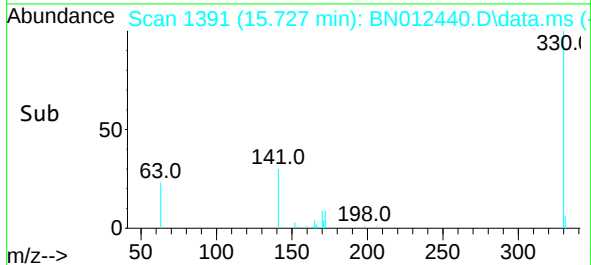
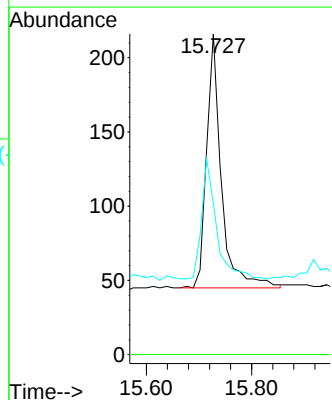
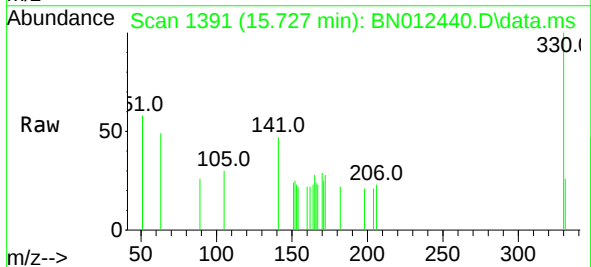
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

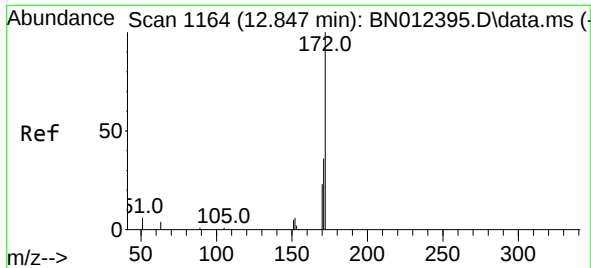
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|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1803  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 102.8 | 80.6  | 120.8 |
| 160      | 48.8  | 39.5  | 59.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.26 ng  
RT: 15.727 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 331   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 47.4  | 34.4  | 51.6  |

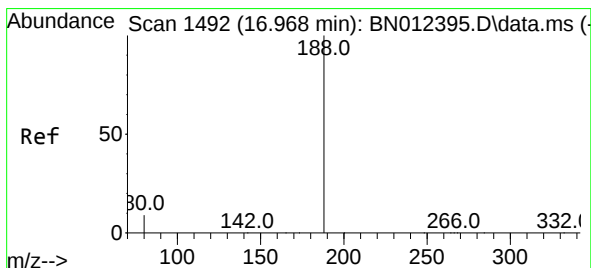
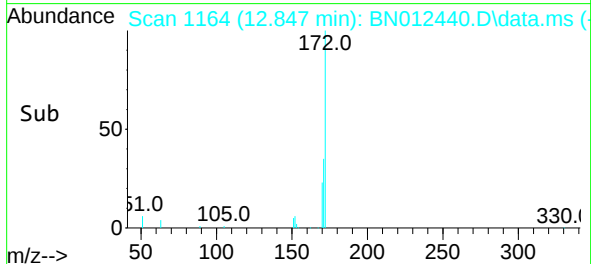
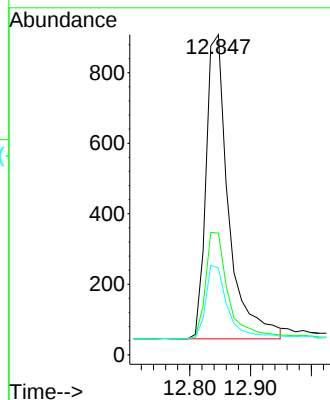
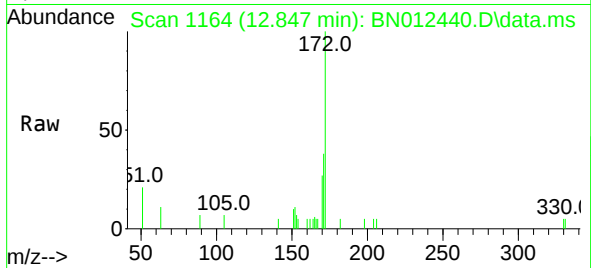




#15  
2-Fluorobiphenyl  
Concen: 0.33 ng  
RT: 12.847 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

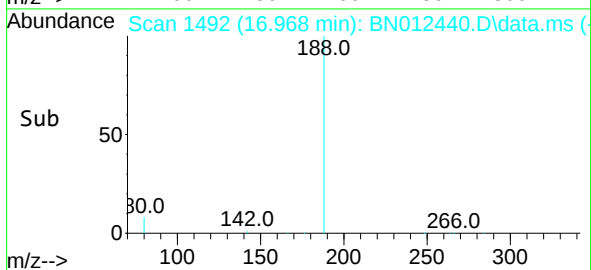
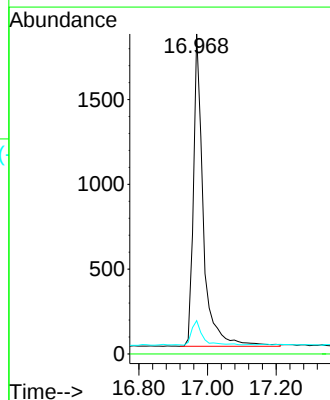
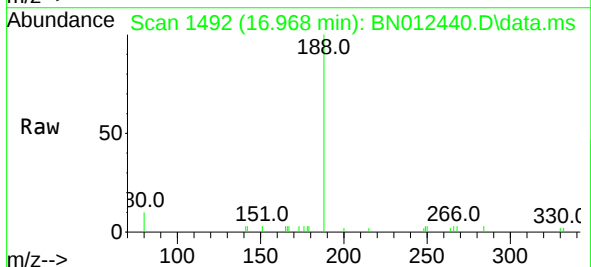
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

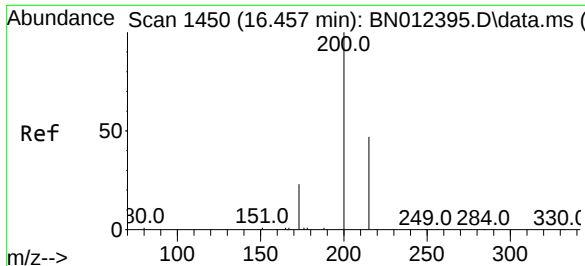
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 2233 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 38.0  | 28.2  | 42.4 |
| 170       | 27.1  | 20.0  | 30.0 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.968 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 3676 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 10.4  | 5.0   | 7.4  |

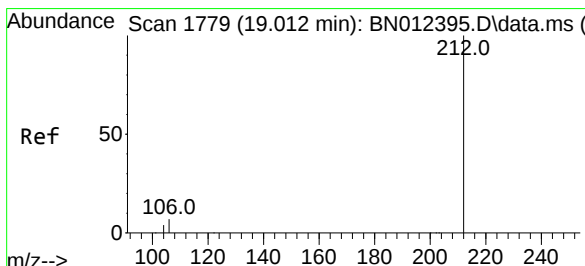
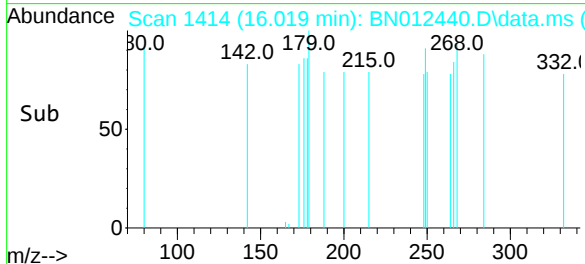
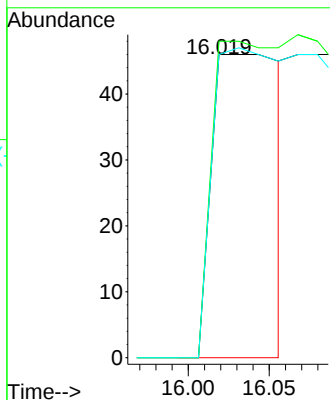
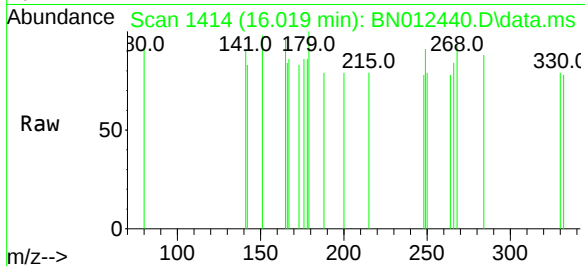




#23  
Atrazine  
Concen: 0.06 ng  
RT: 16.019 min Scan# 1414  
Delta R.T. -0.438 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

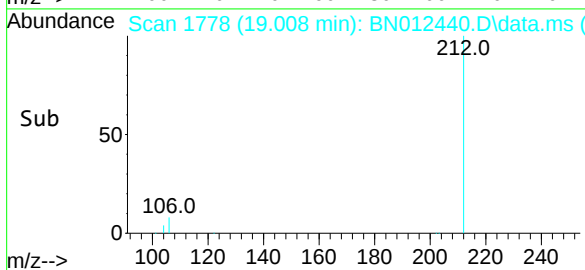
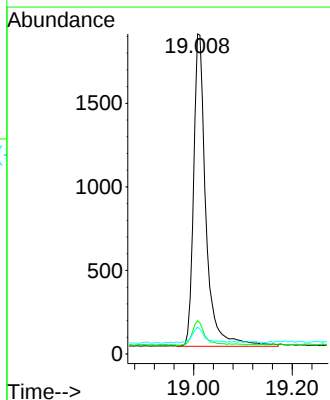
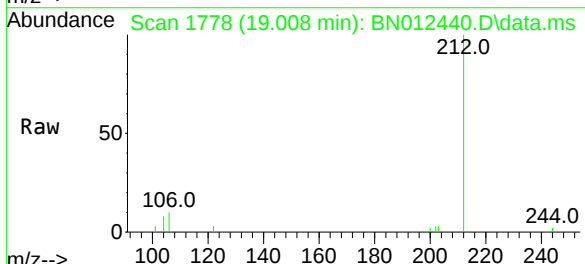
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

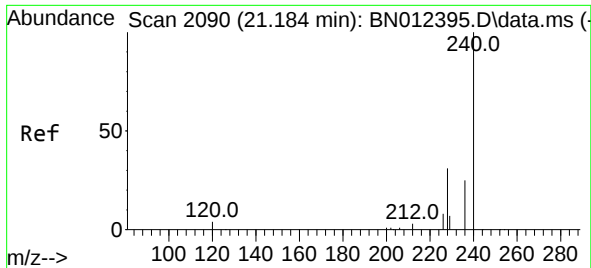
Tgt Ion:200 Resp: 136  
Ion Ratio Lower Upper  
200 100  
173 104.3 22.8 34.2#  
215 100.0 38.1 57.1#



#27  
Fluoranthene-d10  
Concen: 0.29 ng  
RT: 19.008 min Scan# 1778  
Delta R.T. -0.005 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

Tgt Ion:212 Resp: 3248  
Ion Ratio Lower Upper  
212 100  
106 7.8 6.8 10.2  
104 4.8 4.1 6.1

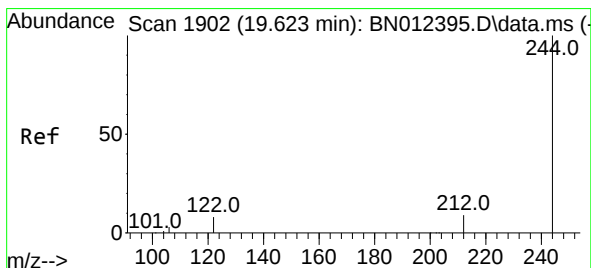
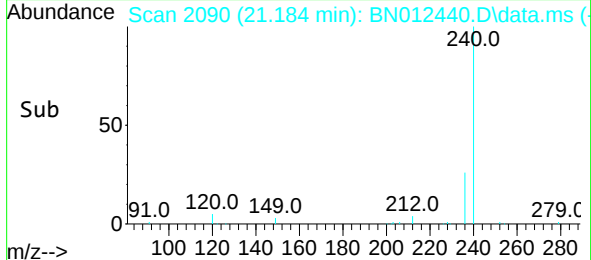
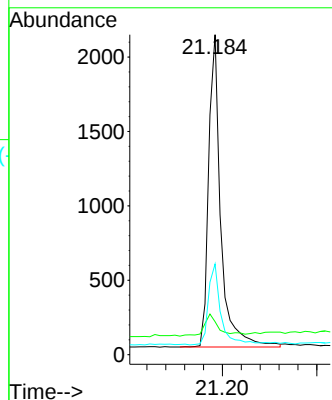
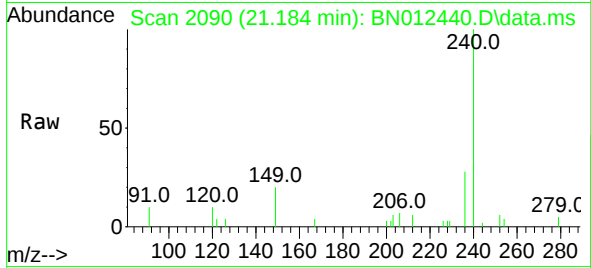




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.184 min Scan# 2090  
Delta R.T. 0.011 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

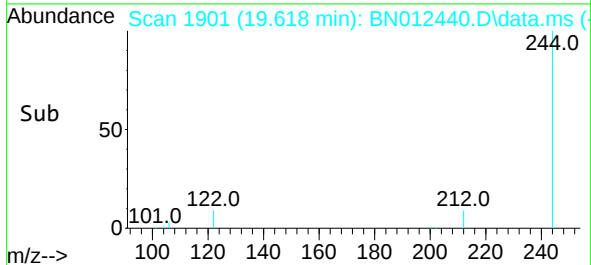
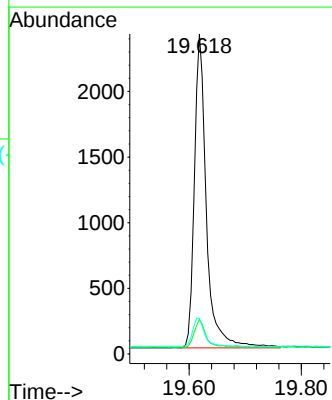
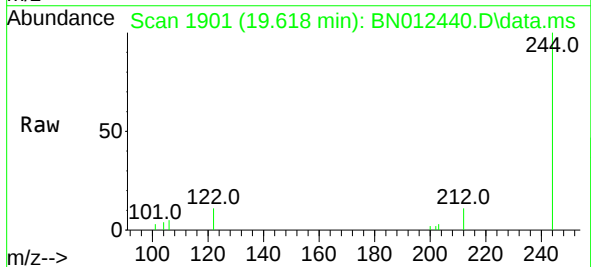
Instrument :  
BNA\_N  
ClientSampleId :  
B308-B309-LOC3-SO-0004

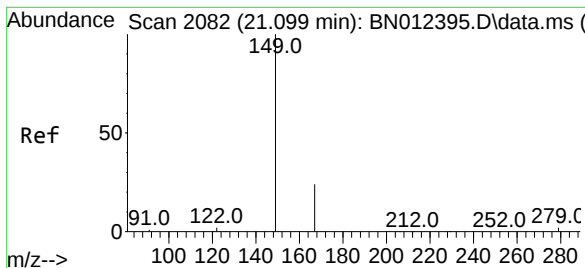
Tgt Ion:240 Resp: 3742  
Ion Ratio Lower Upper  
240 100  
120 10.3 5.3 7.9#  
236 28.3 21.8 32.8



#31  
Terphenyl-d14  
Concen: 0.40 ng  
RT: 19.618 min Scan# 1901  
Delta R.T. -0.005 min  
Lab File: BN012440.D  
Acq: 29 Oct 2020 16:20

Tgt Ion:244 Resp: 3556  
Ion Ratio Lower Upper  
244 100  
212 10.8 7.3 10.9  
122 11.2 7.3 10.9#

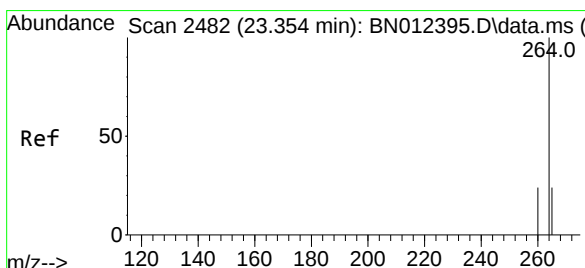
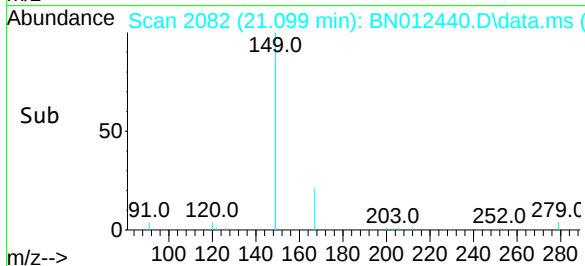
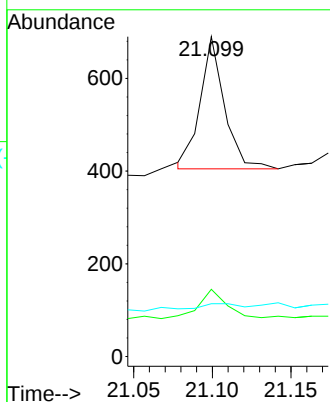
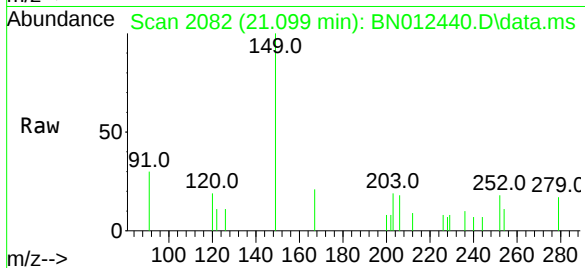




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.04 ng  
 RT: 21.099 min Scan# 2082  
 Delta R.T. 0.000 min  
 Lab File: BN012440.D  
 Acq: 29 Oct 2020 16:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 B308-B309-LOC3-SO-0004

Tgt Ion:149 Resp: 306  
 Ion Ratio Lower Upper  
 149 100  
 167 21.9 23.2 34.8#  
 279 5.6 3.9 5.9



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.350 min Scan# 2481  
 Delta R.T. -0.003 min  
 Lab File: BN012440.D  
 Acq: 29 Oct 2020 16:20

Tgt Ion:264 Resp: 4270  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 19.8 29.6  
 265 69.1 51.4 77.0

