

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092420\  
 Data File : BN011920.D  
 Acq On : 24 Sep 2020 18:58  
 Operator : CG/JU  
 Sample : L4125-18  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CS-36

Quant Time: Sep 25 01:40:39 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 23 18:41:41 2020  
 Response via : Initial Calibration

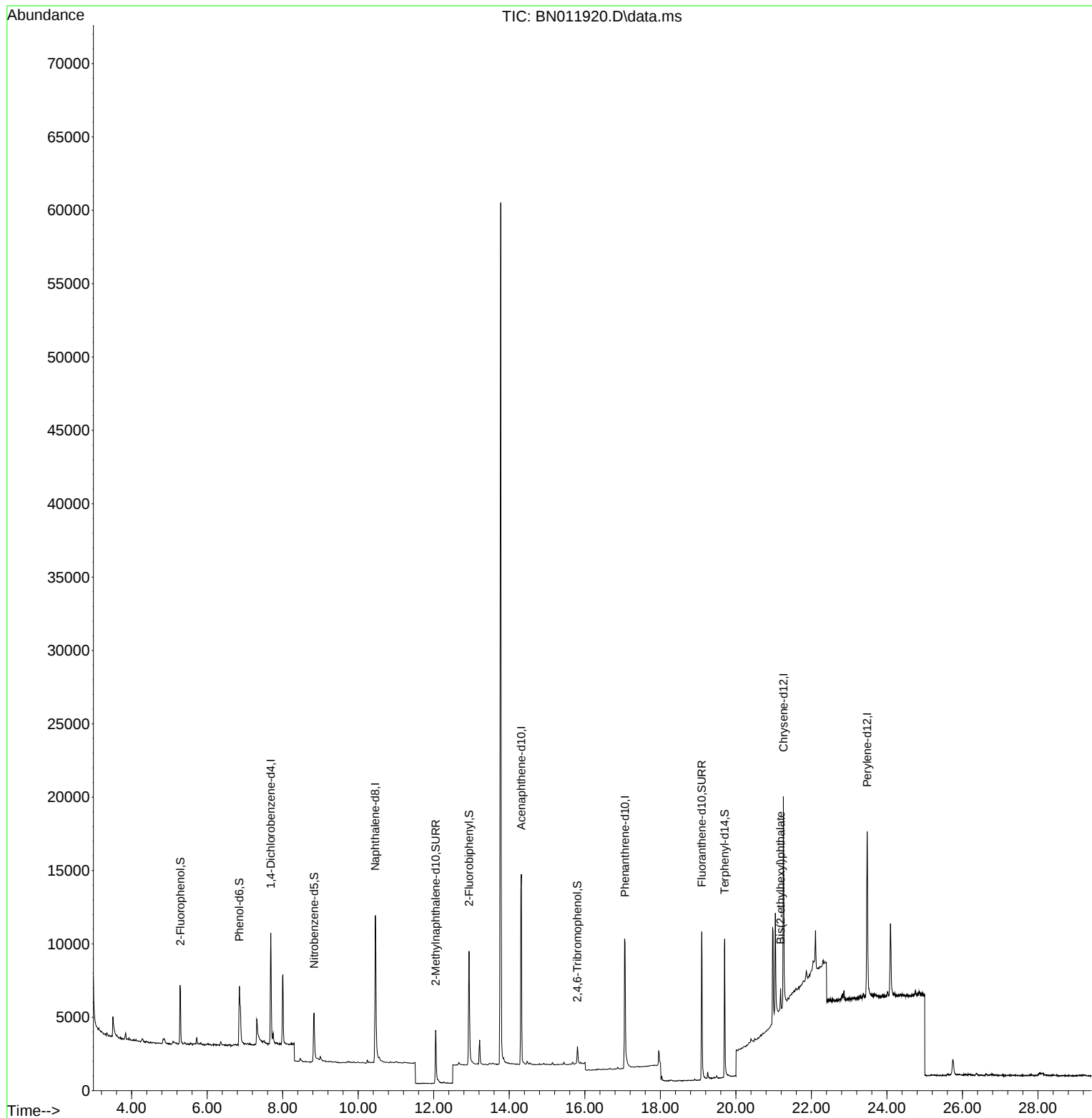
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|------|-------|-----------|
| -----                         |        |      |          |      |       |           |
| Internal Standards            |        |      |          |      |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.683  | 152  | 3924     | 0.40 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.453 | 136  | 15989    | 0.40 | ng    | #-0.01    |
| 13) Acenaphthene-d10          | 14.319 | 164  | 8719     | 0.40 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.066 | 188  | 16867    | 0.40 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.259 | 240  | 15532    | 0.40 | ng    | #-0.01    |
| 36) Perylene-d12              | 23.474 | 264  | 16193    | 0.40 | ng    | #-0.01    |
| System Monitoring Compounds   |        |      |          |      |       |           |
| 4) 2-Fluorophenol             | 5.291  | 112  | 3133     | 0.23 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.853  | 99   | 3859     | 0.22 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.831  | 82   | 3741     | 0.23 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.051 | 152  | 6163     | 0.24 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 933      | 0.22 | ng    | -0.01     |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 7865     | 0.24 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.097 | 212  | 12445    | 0.25 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.703 | 244  | 10520    | 0.30 | ng    | 0.00      |
| Target Compounds              |        |      |          |      |       |           |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 1304     | 0.04 | ng    | Qvalue 99 |
| -----                         |        |      |          |      |       |           |

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

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Sample : L4125-18  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
CS-36

Quant Time: Sep 25 01:40:39 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
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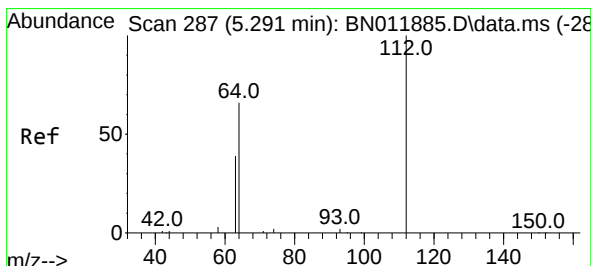
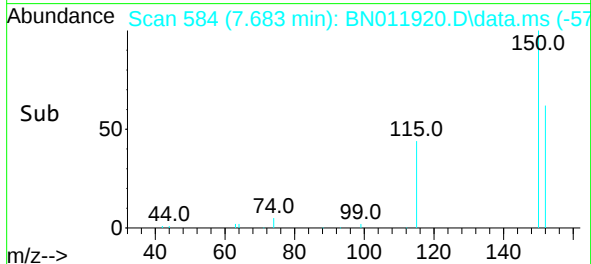
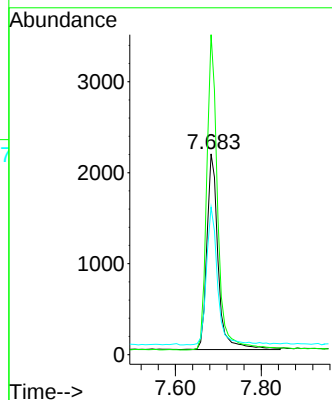
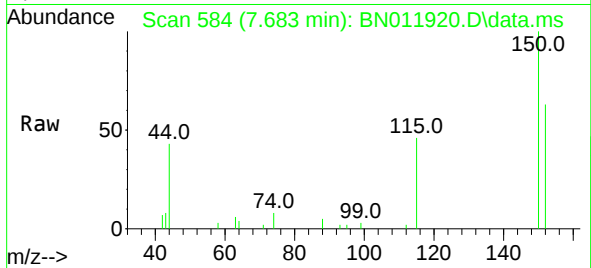


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.683 min Scan# 584  
 Delta R.T. -0.008 min  
 Lab File: BN011920.D  
 Acq: 24 Sep 2020 18:58

Instrument :  
 BNA\_N  
 ClientSampled :  
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Tgt Ion:152 Resp: 3924  

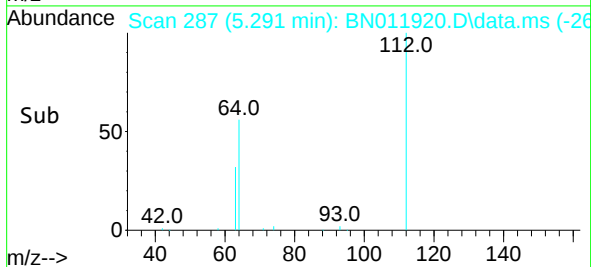
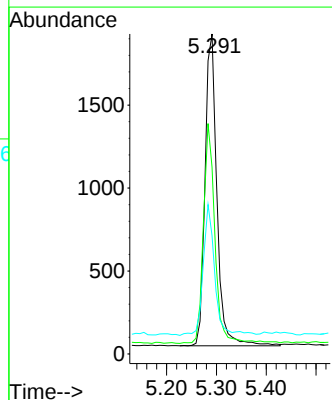
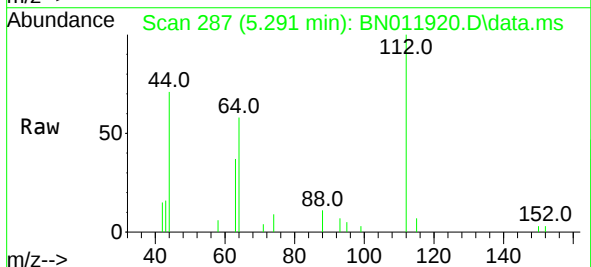
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 159.4 | 118.3 | 177.5 |
| 115 | 73.5  | 51.3  | 76.9  |

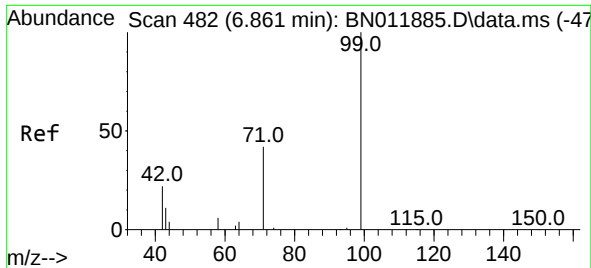


#4  
 2-Fluorophenol  
 Concen: 0.23 ng  
 RT: 5.291 min Scan# 287  
 Delta R.T. 0.000 min  
 Lab File: BN011920.D  
 Acq: 24 Sep 2020 18:58

Tgt Ion:112 Resp: 3133  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 68.0  | 49.0  | 73.6  |
| 63  | 40.8  | 31.8  | 47.6  |

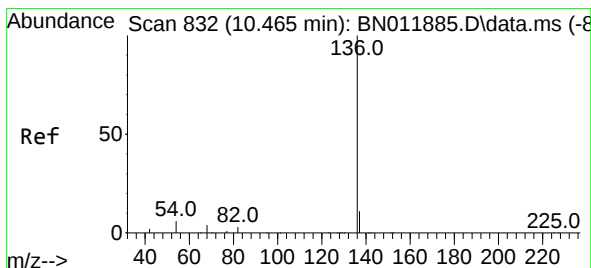
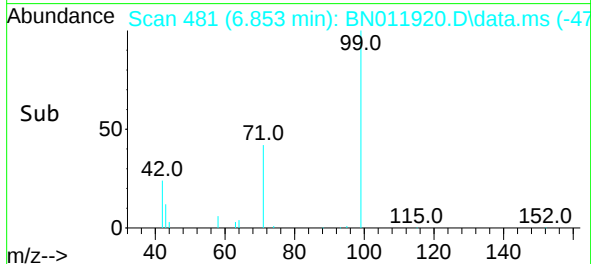
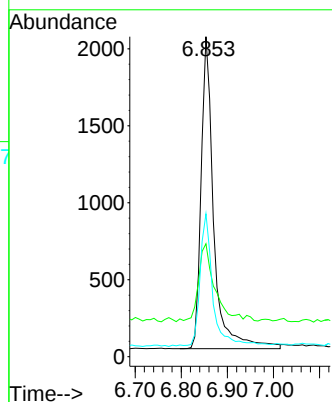
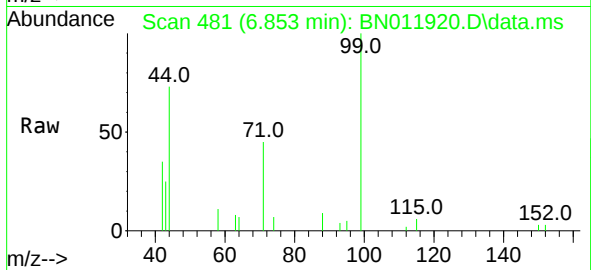




#5  
Phenol-d6  
Concen: 0.22 ng  
RT: 6.853 min Scan# 481  
Delta R.T. -0.008 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

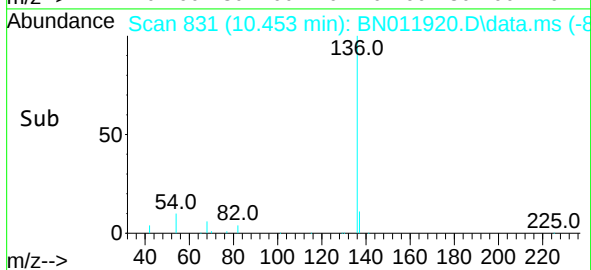
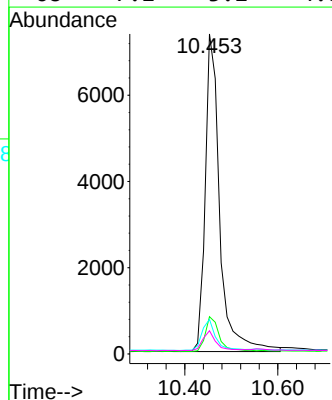
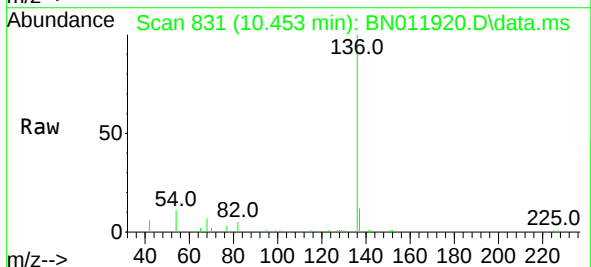
Instrument :  
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ClientSampled :  
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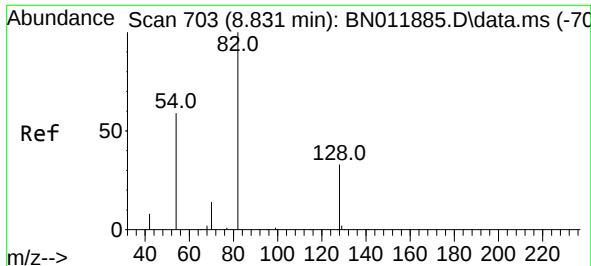
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3859  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 33.0  | 23.4  | 35.0  |
| 71       | 43.9  | 38.1  | 57.1  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.453 min Scan# 831  
Delta R.T. -0.012 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 15989 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 9.5   | 14.3  |
| 54       | 10.8  | 5.6   | 8.4#  |
| 68       | 7.2   | 3.2   | 4.8#  |

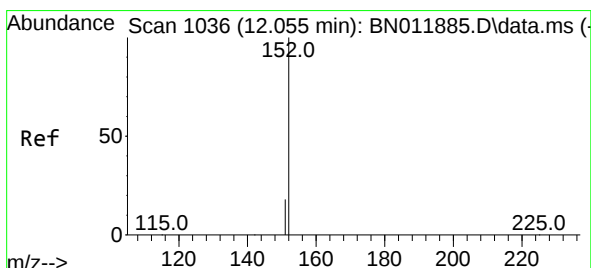
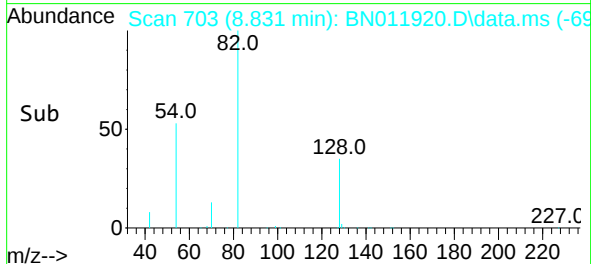
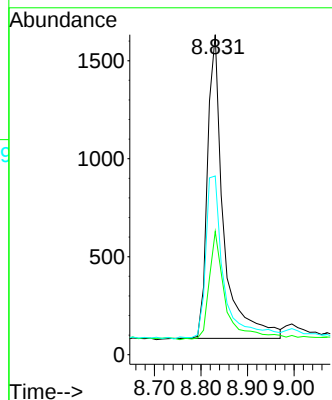
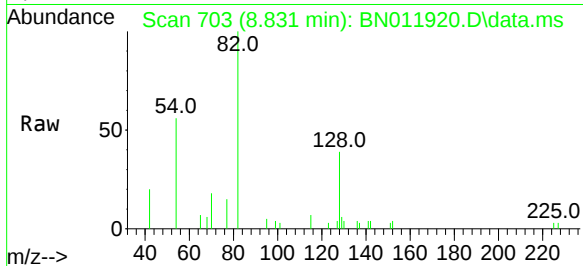




#8  
Nitrobenzene-d5  
Concen: 0.23 ng  
RT: 8.831 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

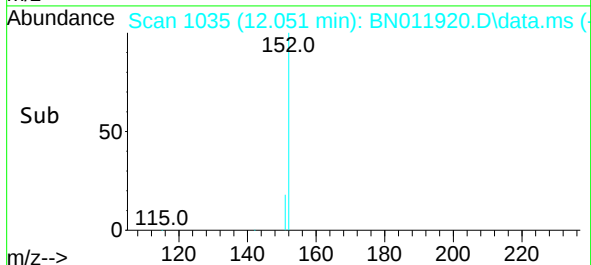
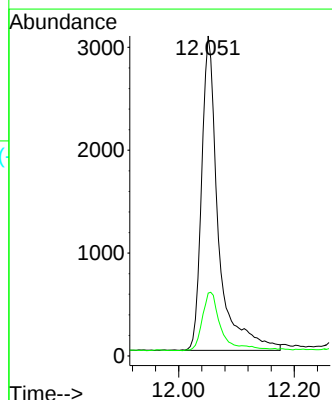
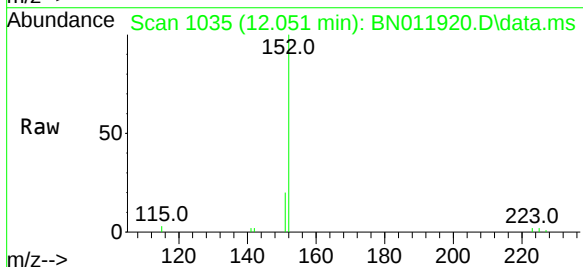
Instrument :  
BNA\_N  
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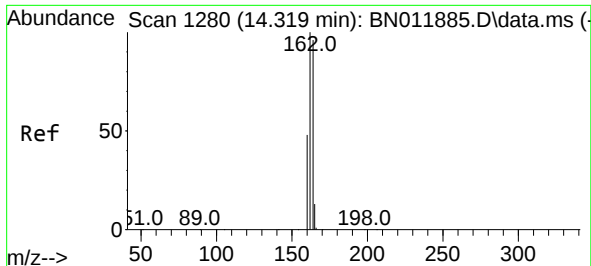
Tgt Ion: 82 Resp: 3741  
Ion Ratio Lower Upper  
82 100  
128 38.5 34.2 51.2  
54 55.8 43.1 64.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.24 ng  
RT: 12.051 min Scan# 1035  
Delta R.T. -0.004 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

Tgt Ion: 152 Resp: 6163  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.7 25.1

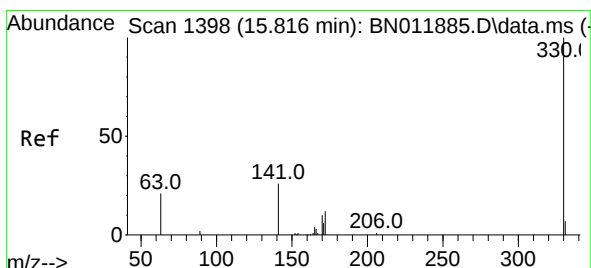
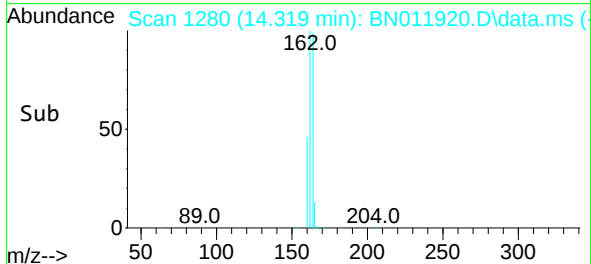
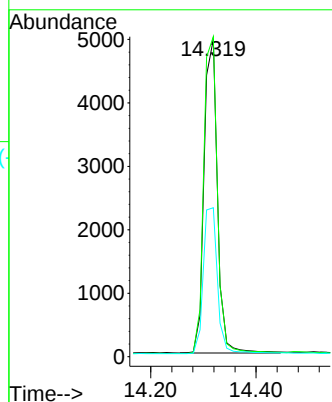
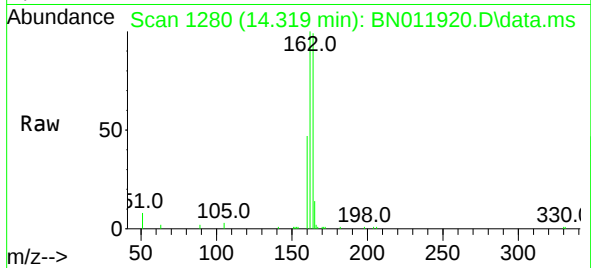




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.319 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

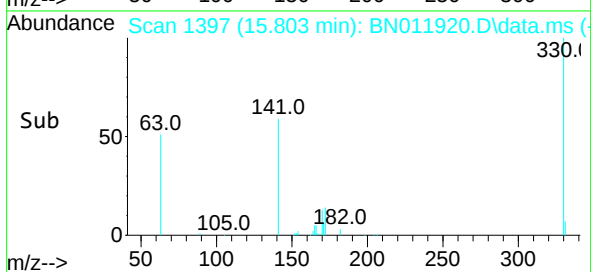
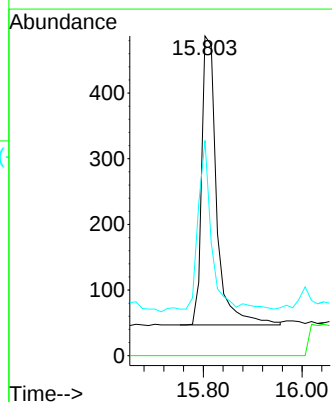
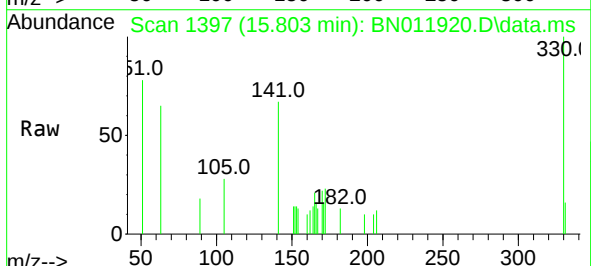
Instrument :  
BNA\_N  
ClientSampled :  
CS-36

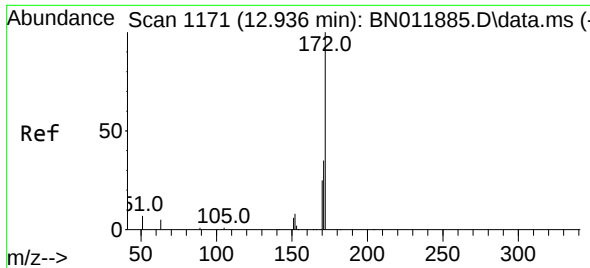
Tgt Ion:164 Resp: 8719  
Ion Ratio Lower Upper  
164 100  
162 100.9 83.6 125.4  
160 47.0 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.22 ng  
RT: 15.803 min Scan# 1397  
Delta R.T. -0.012 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

Tgt Ion:330 Resp: 933  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 51.0 33.7 50.5#

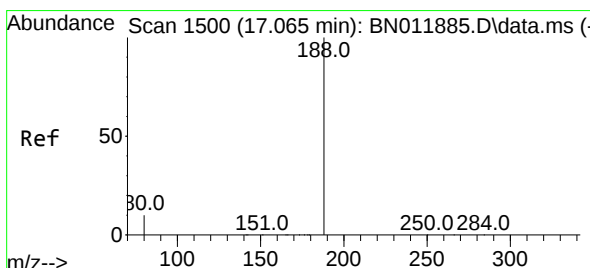
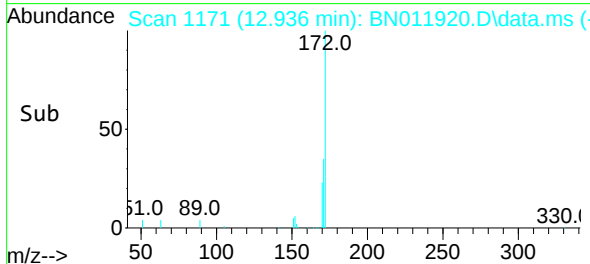
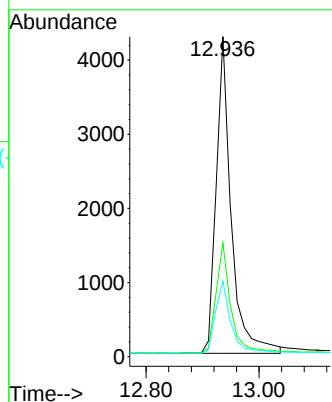
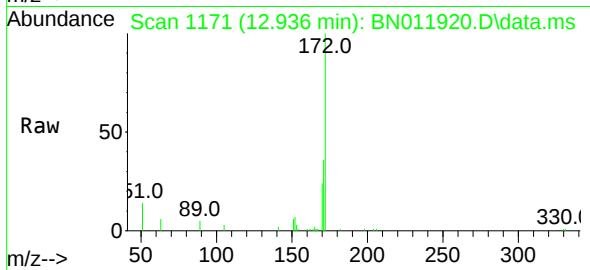




#15  
2-Fluorobiphenyl  
Concen: 0.24 ng  
RT: 12.936 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

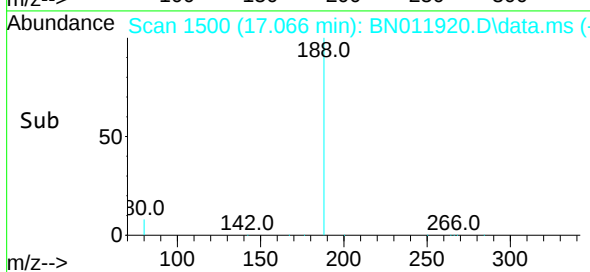
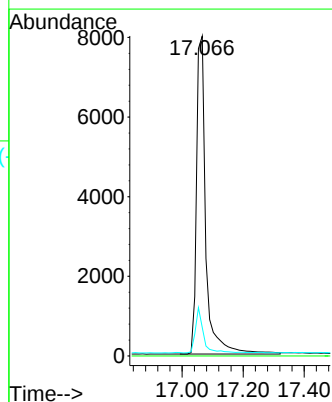
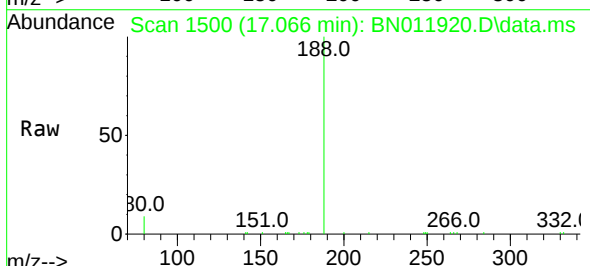
Instrument :  
BNA\_N  
ClientSampleId :  
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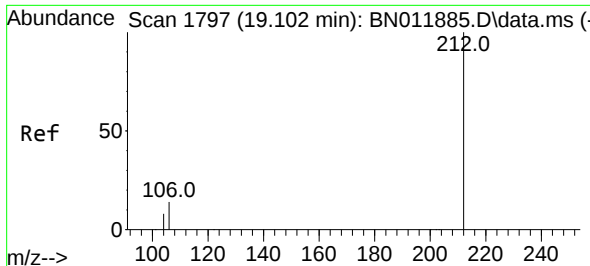
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 7865 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.5  | 27.4  | 41.2 |
| 170       | 23.6  | 17.8  | 26.6 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.066 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 16867 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 8.9   | 7.7   | 11.5  |

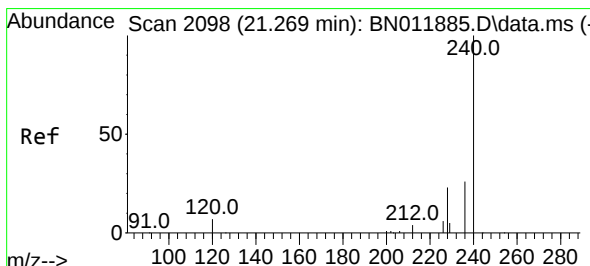
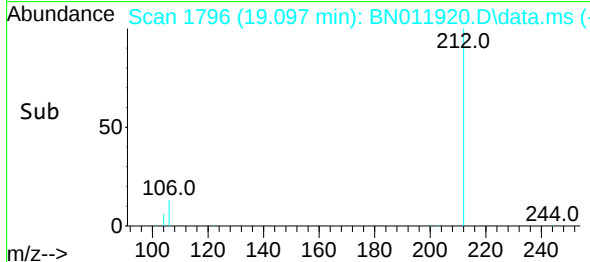
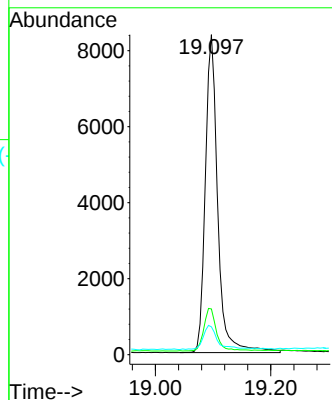
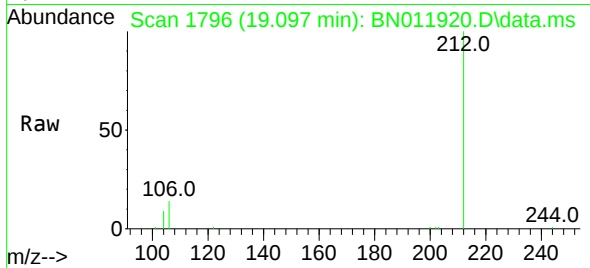




#27  
Fluoranthene-d10  
Concen: 0.25 ng  
RT: 19.097 min Scan# 1796  
Delta R.T. -0.005 min  
Lab File: BN011920.D  
Acq: 24 Sep 2020 18:58

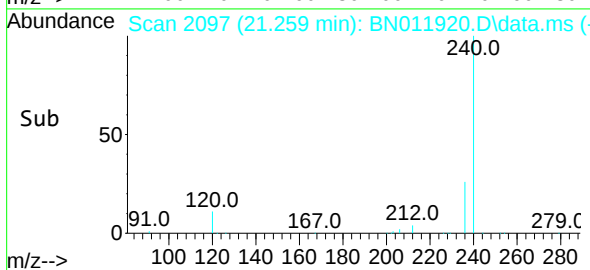
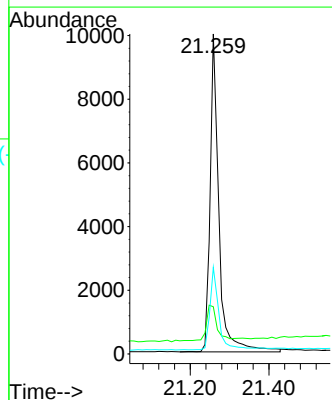
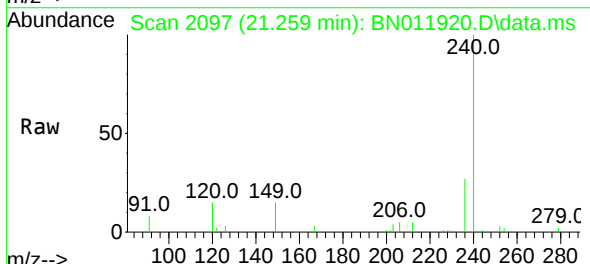
Instrument :  
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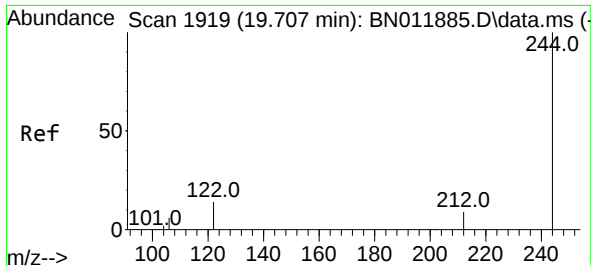
Tgt Ion:212 Resp: 12445  
Ion Ratio Lower Upper  
212 100  
106 13.7 6.4 9.6#  
104 9.0 3.9 5.9#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.259 min Scan# 2097  
Delta R.T. -0.010 min  
Lab File: BN011920.D  
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Tgt Ion:240 Resp: 15532  
Ion Ratio Lower Upper  
240 100  
120 14.7 3.5 5.3#  
236 27.0 20.5 30.7

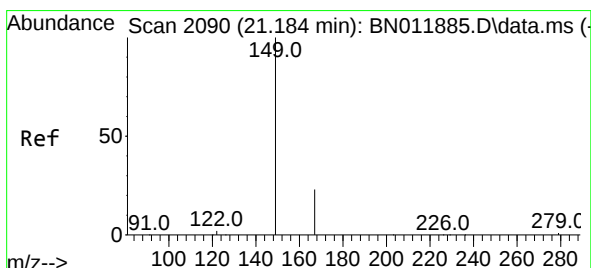
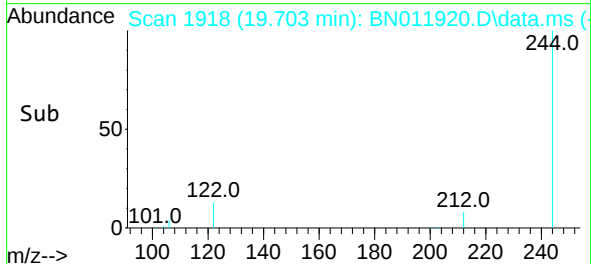
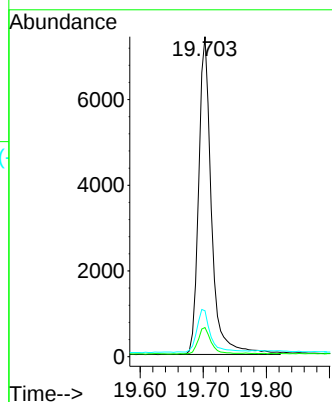
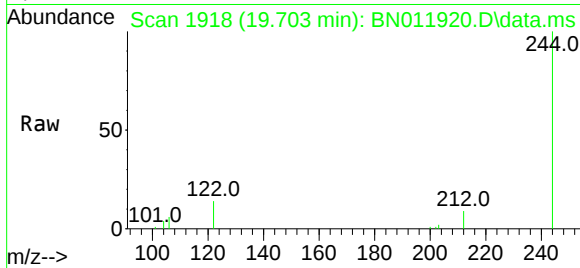




#31  
 Terphenyl-d14  
 Concen: 0.30 ng  
 RT: 19.703 min Scan# 1918  
 Delta R.T. -0.005 min  
 Lab File: BN011920.D  
 Acq: 24 Sep 2020 18:58

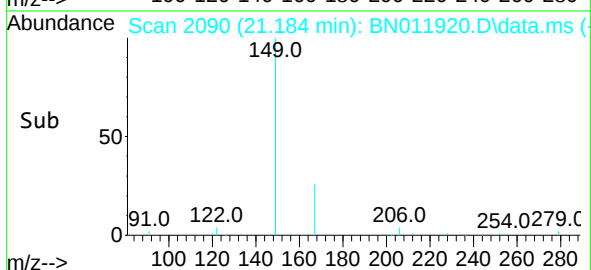
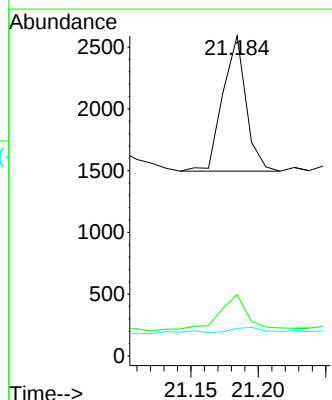
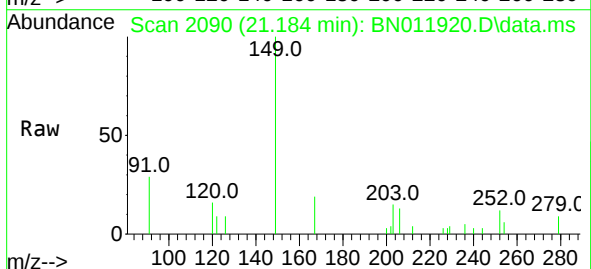
Instrument :  
 BNA\_N  
 ClientSampleId :  
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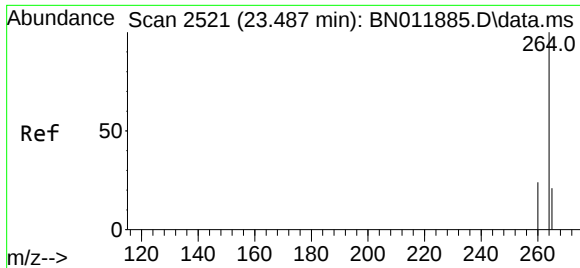
Tgt Ion:244 Resp: 10520  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 7.3 10.9  
 122 14.3 7.8 11.6#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.04 ng  
 RT: 21.184 min Scan# 2090  
 Delta R.T. 0.000 min  
 Lab File: BN011920.D  
 Acq: 24 Sep 2020 18:58

Tgt Ion:149 Resp: 1304  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 23.6 35.4  
 279 4.8 4.0 6.0





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.474 min Scan# 2517  
 Delta R.T. -0.014 min  
 Lab File: BN011920.D  
 Acq: 24 Sep 2020 18:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CS-36

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 16193      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.2  | 19.6 29.4  |
| 265         | 63.2  | 38.6 58.0# |

