

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091721\  
 Data File : BN016313.D  
 Acq On : 18 Sep 2021 01:18  
 Operator : CG/JU  
 Sample : M3774-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-CB-02-(0.2)

Quant Time: Sep 18 02:08:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 23:59:14 2021  
 Response via : Initial Calibration

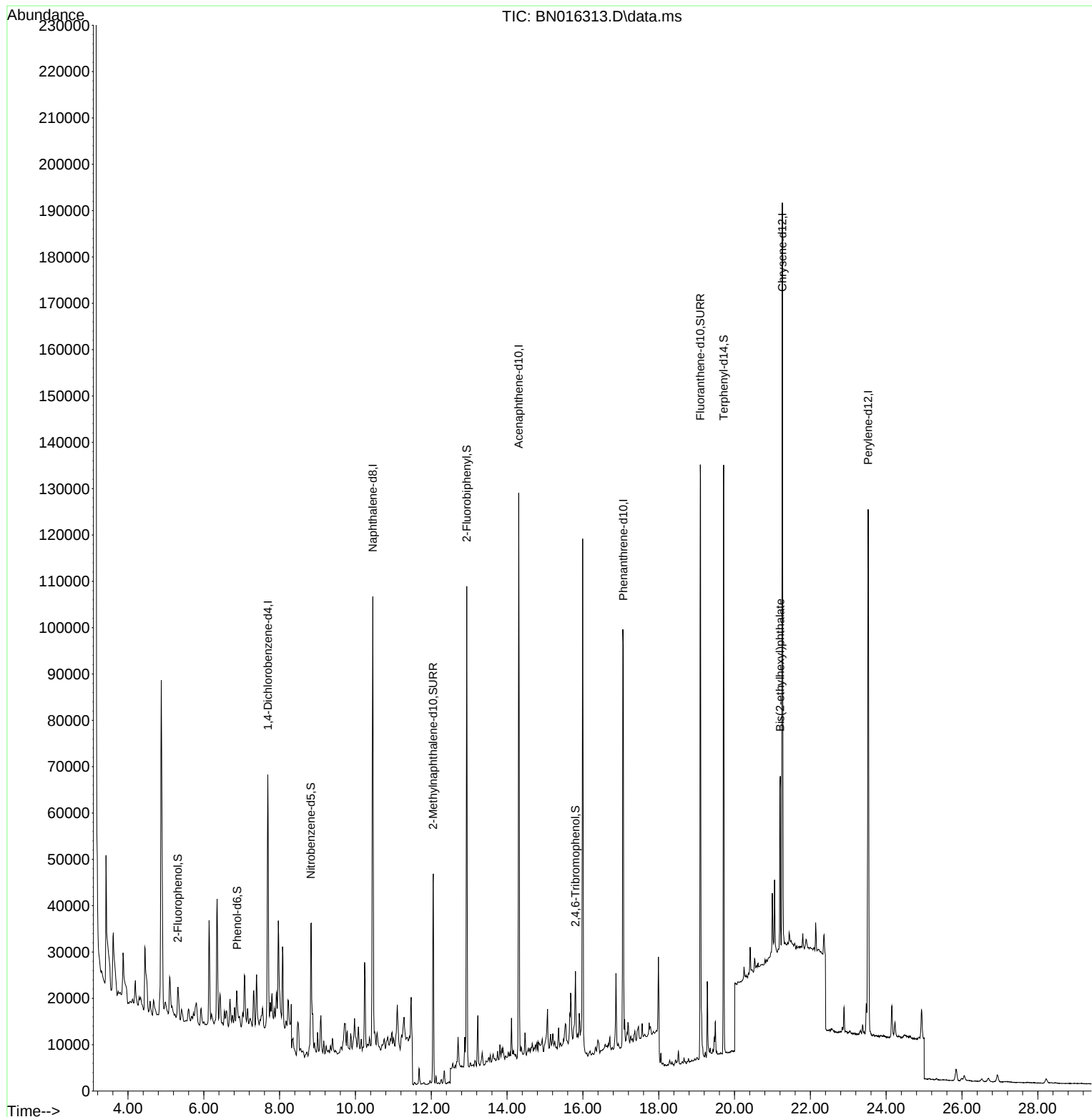
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 27279    | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.457 | 136  | 123782   | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.307 | 164  | 69418    | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.066 | 188  | 136670   | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.259 | 240  | 143126   | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.525 | 264  | 148262   | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.319  | 112  | 8930     | 0.130 | ng    | 0.02      |
| 5) Phenol-d6                  | 6.877  | 99   | 6633     | 0.080 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 23908    | 0.325 | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.052 | 152  | 60063    | 0.308 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 9728     | 0.477 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 84003    | 0.309 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.098 | 212  | 147148   | 0.372 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.713 | 244  | 129659   | 0.391 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 34) Bis(2-ethylhexyl)phtha... | 21.206 | 149  | 37363    | 0.151 | ng    | Qvalue 99 |
| -----                         |        |      |          |       |       |           |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091721\  
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Operator : CG/JU  
Sample : M3774-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

Quant Time: Sep 18 02:08:29 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
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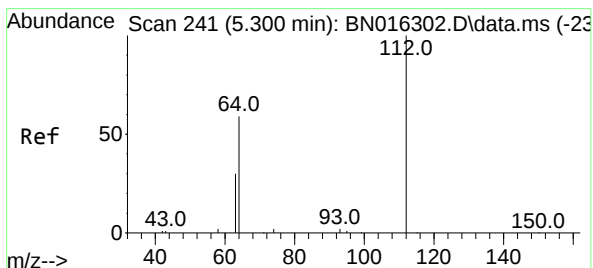
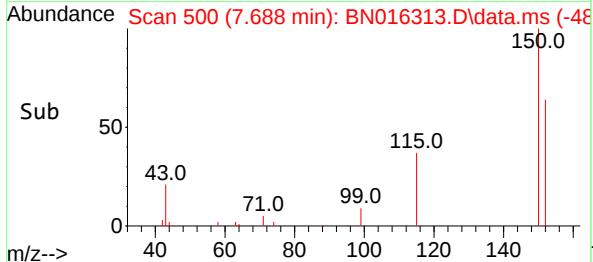
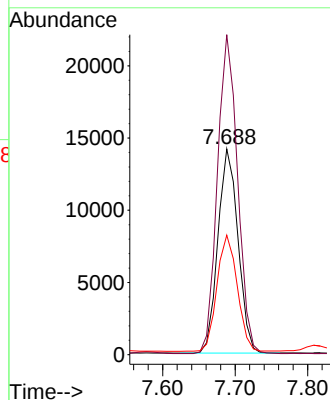
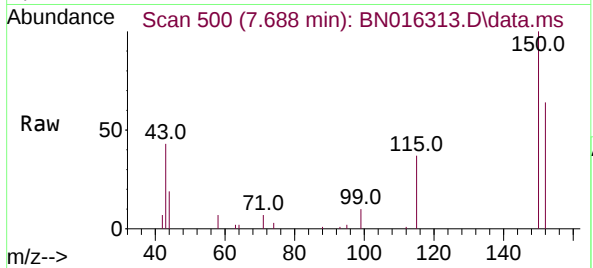




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.688 min Scan# 500  
 Delta R.T. 0.000 min  
 Lab File: BN016313.D  
 Acq: 18 Sep 2021 01:18

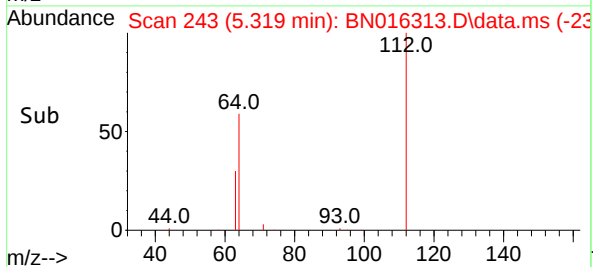
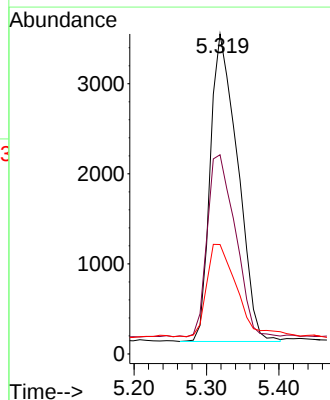
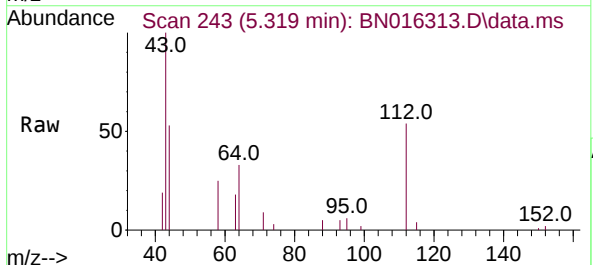
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-CB-02-(0.2)

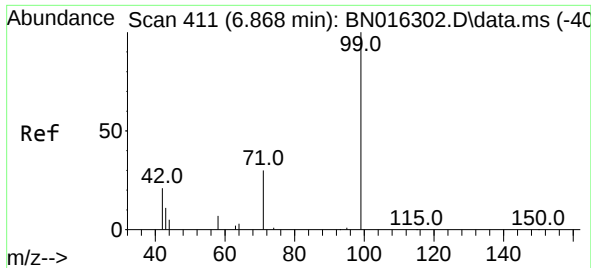
Tgt Ion:152 Resp: 27279  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 125.6 188.4  
 115 58.1 50.2 75.2



#4  
 2-Fluorophenol  
 Concen: 0.130 ng  
 RT: 5.319 min Scan# 243  
 Delta R.T. 0.018 min  
 Lab File: BN016313.D  
 Acq: 18 Sep 2021 01:18

Tgt Ion:112 Resp: 8930  
 Ion Ratio Lower Upper  
 112 100  
 64 61.0 47.3 70.9  
 63 32.8 23.4 35.0



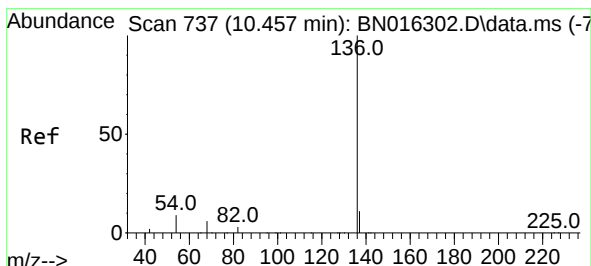
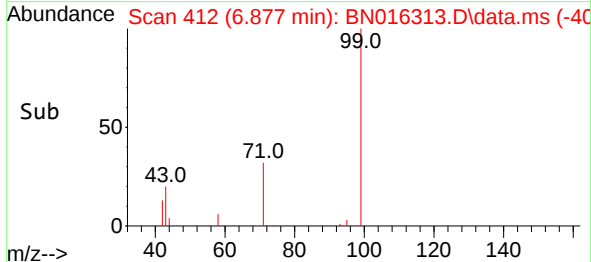
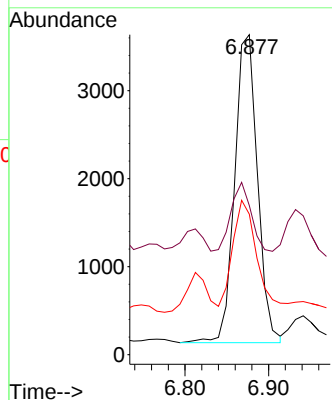
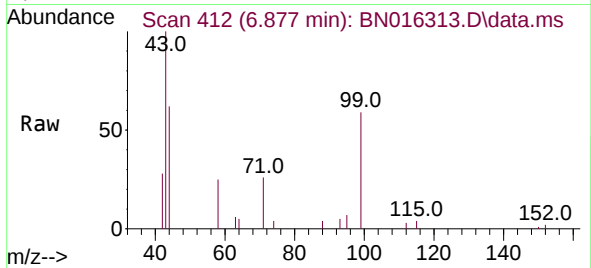


#5  
Phenol-d6  
Concen: 0.080 ng  
RT: 6.877 min Scan# 412  
Delta R.T. 0.009 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

Tgt Ion: 99 Resp: 6633

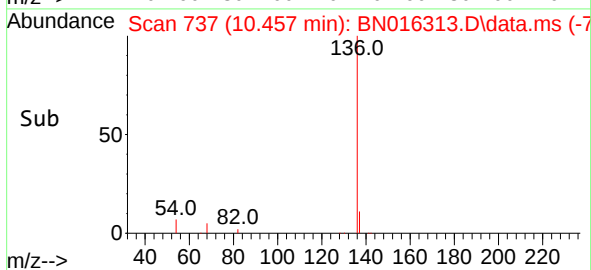
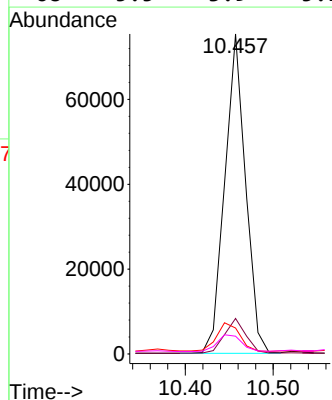
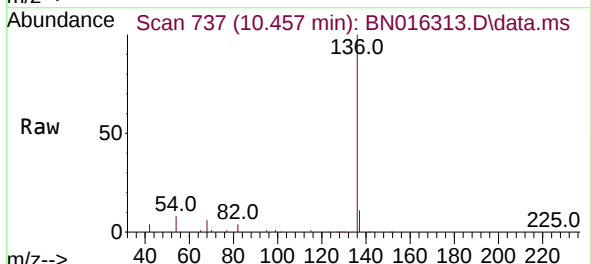
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.4  | 14.0  | 21.0  |
| 71  | 35.3  | 23.8  | 35.6  |

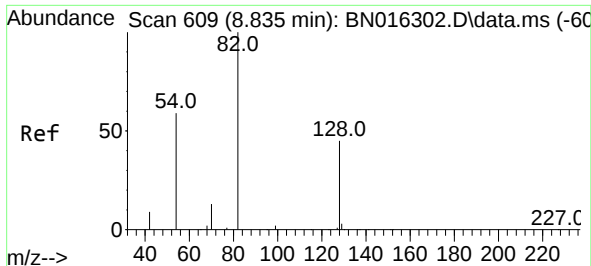


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.457 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Tgt Ion: 136 Resp: 123782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 8.1   | 5.3   | 7.9#  |
| 68  | 5.5   | 3.9   | 5.9   |

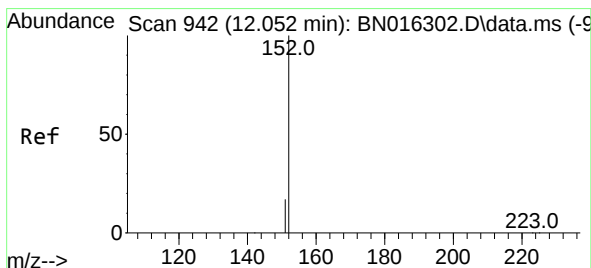
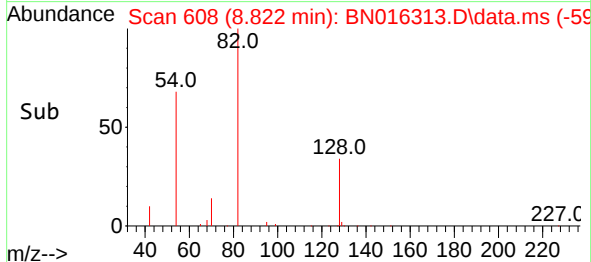
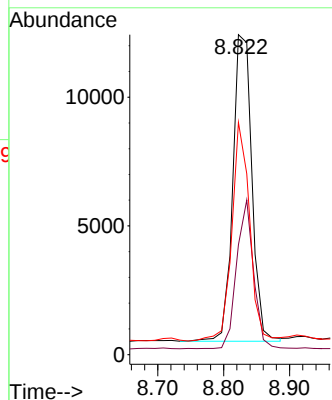
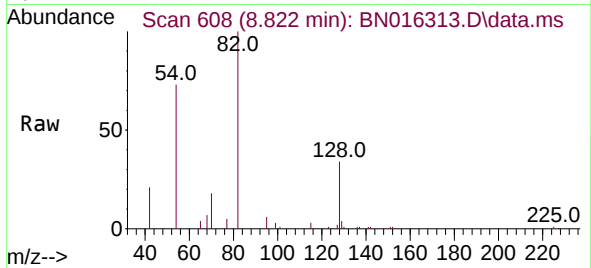




#8  
Nitrobenzene-d5  
Concen: 0.325 ng  
RT: 8.822 min Scan# 608  
Delta R.T. -0.013 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

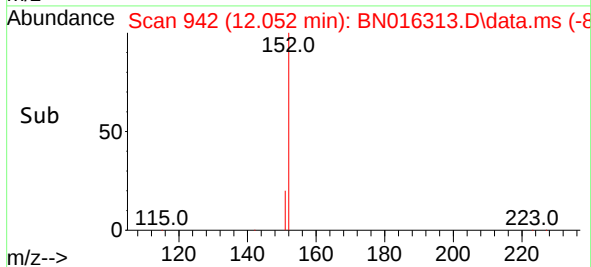
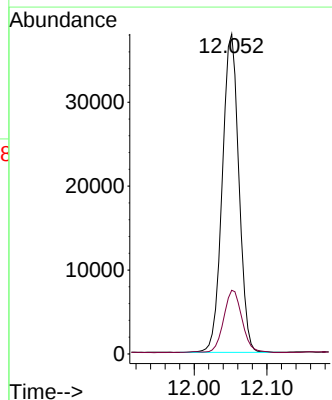
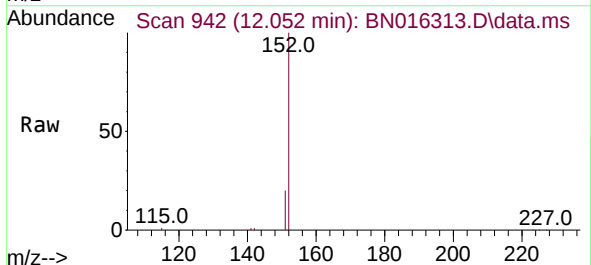
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

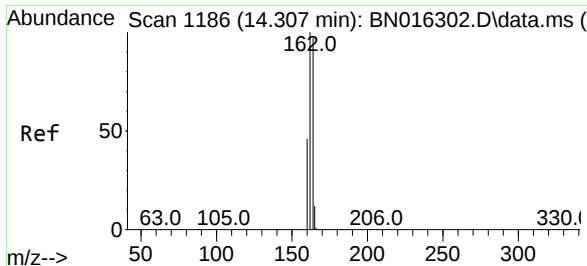
Tgt Ion: 82 Resp: 23908  
Ion Ratio Lower Upper  
82 100  
128 34.3 31.7 47.5  
54 72.6 46.4 69.6#



#11  
2-Methylnaphthalene-d10  
Concen: 0.308 ng  
RT: 12.052 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Tgt Ion: 152 Resp: 60063  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.1 24.1

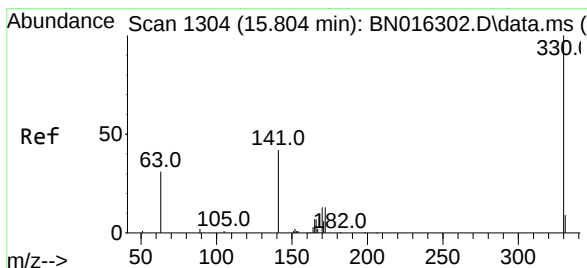
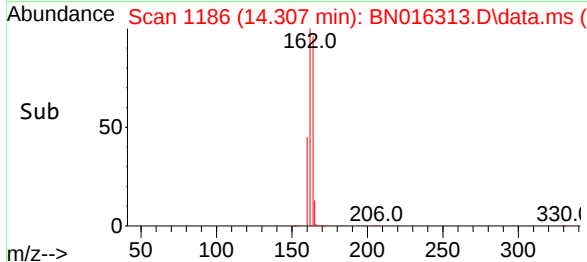
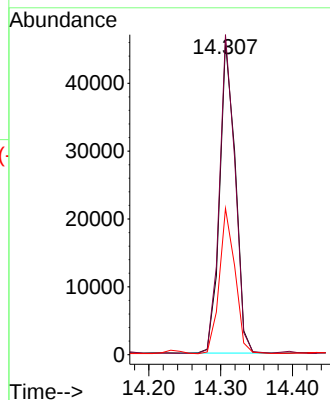
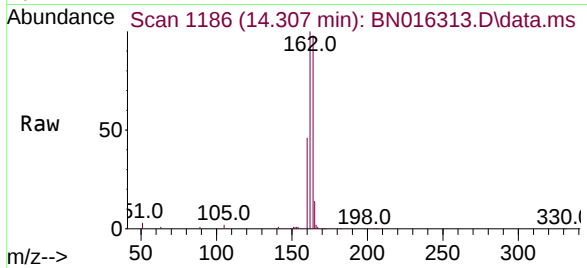




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

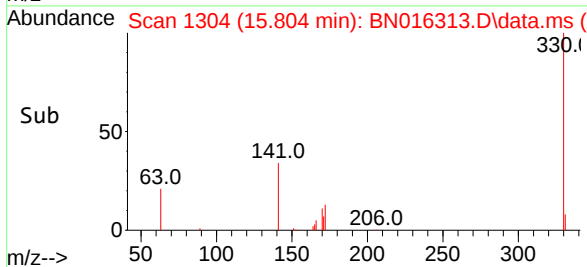
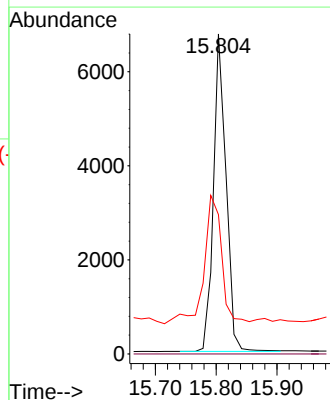
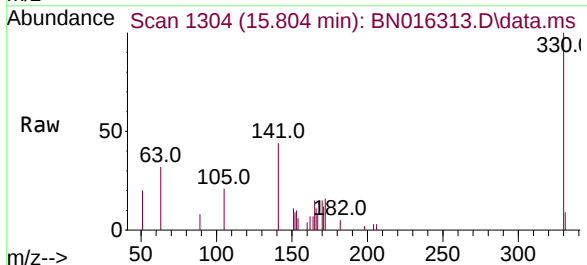
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

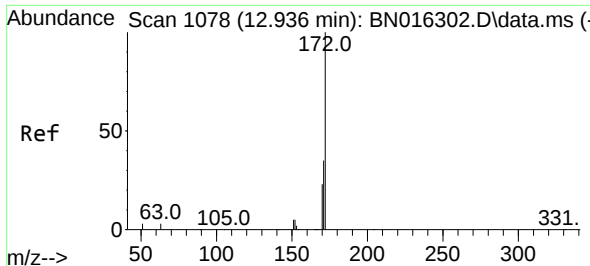
Tgt Ion:164 Resp: 69418  
Ion Ratio Lower Upper  
164 100  
162 102.4 79.0 118.4  
160 46.8 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.477 ng  
RT: 15.804 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Tgt Ion:330 Resp: 9728  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 52.2 25.0 37.4#

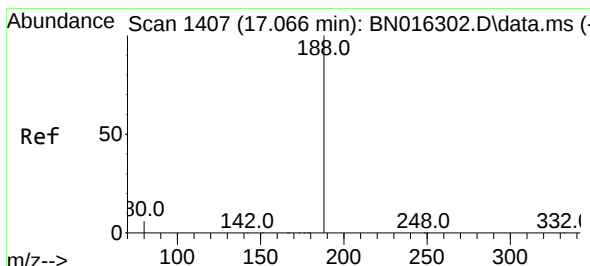
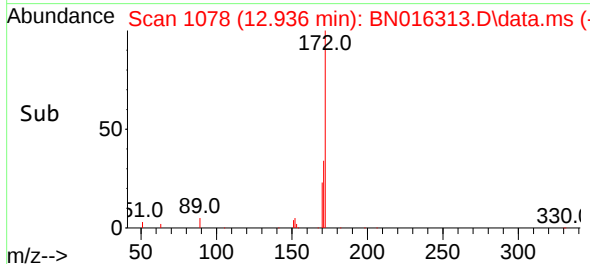
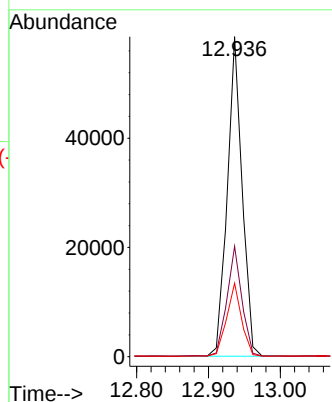
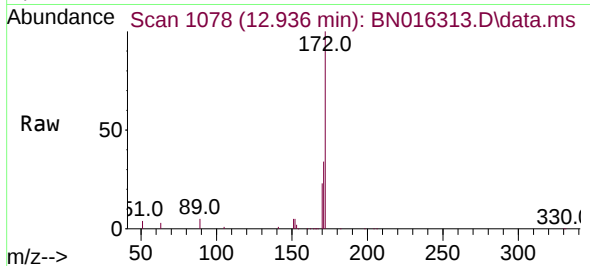




#15  
2-Fluorobiphenyl  
Concen: 0.309 ng  
RT: 12.936 min Scan# 1078  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

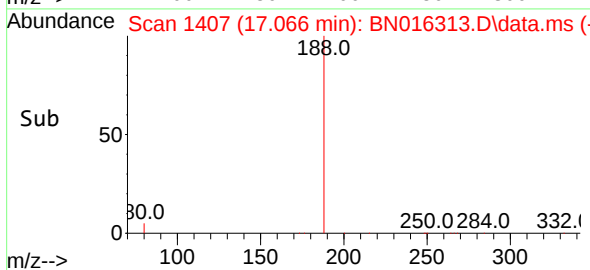
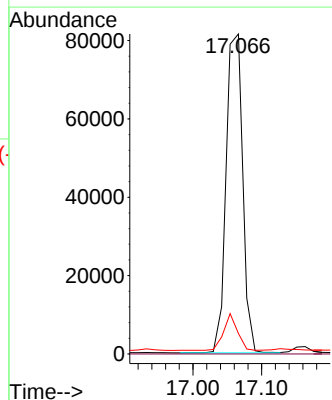
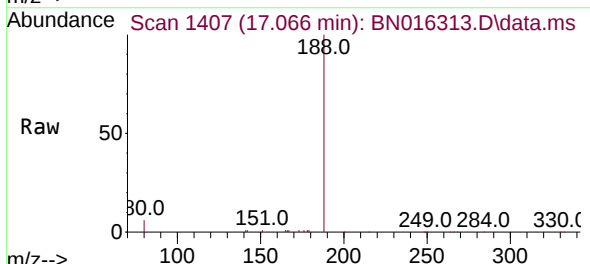
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

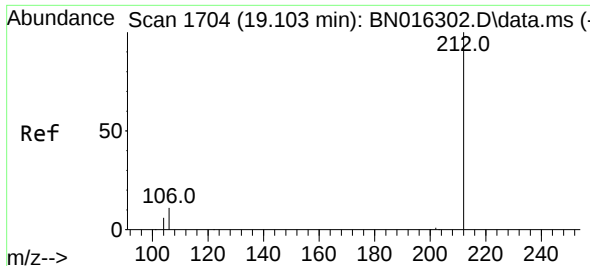
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 84003     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.5  | 27.8 41.6 |
| 170         | 23.0  | 18.2 27.2 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.066 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 136670   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 6.4   | 7.0 10.6 |

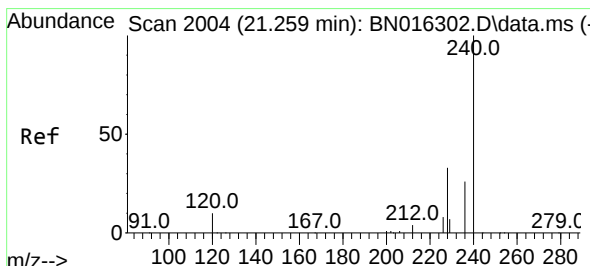
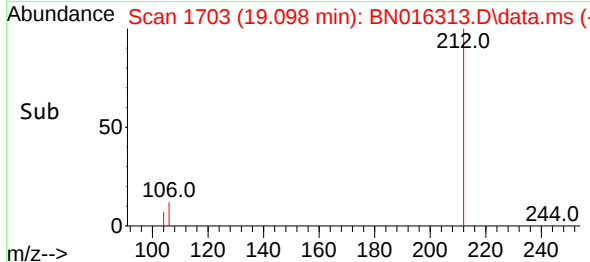
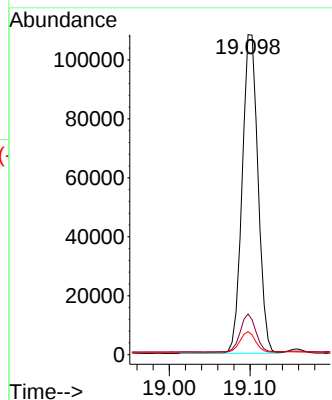
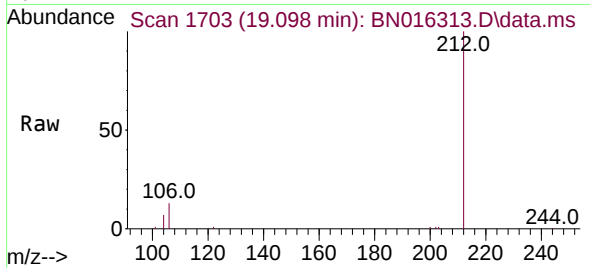




#27  
Fluoranthene-d10  
Concen: 0.372 ng  
RT: 19.098 min Scan# 1703  
Delta R.T. -0.005 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

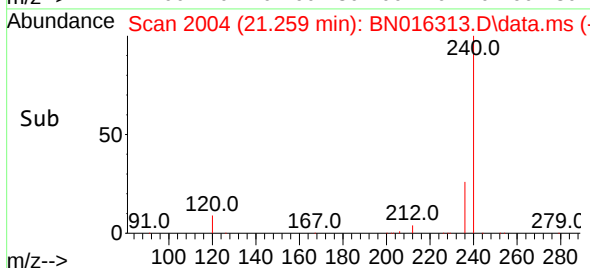
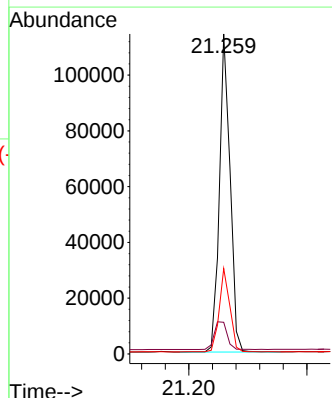
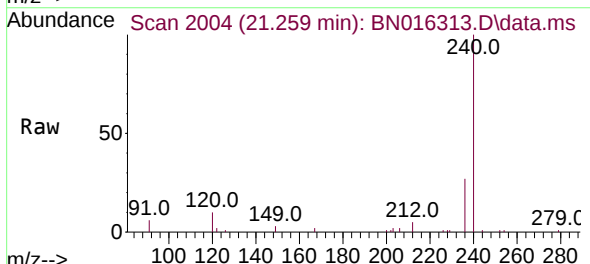
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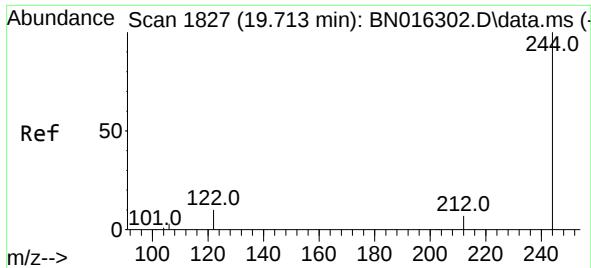
Tgt Ion:212 Resp: 147148  
Ion Ratio Lower Upper  
212 100  
106 11.6 9.8 14.6  
104 6.4 5.4 8.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Tgt Ion:240 Resp: 143126  
Ion Ratio Lower Upper  
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120 9.9 5.3 7.9#  
236 26.7 19.8 29.8

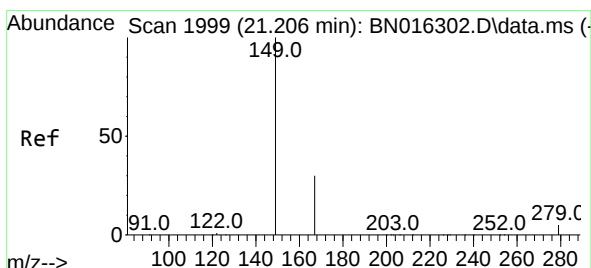
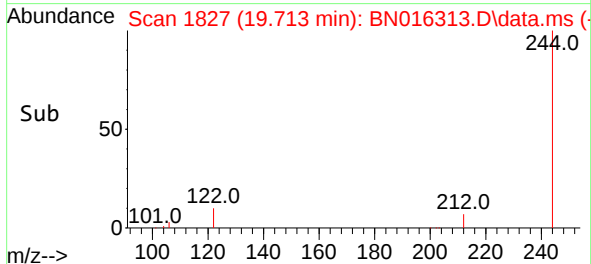
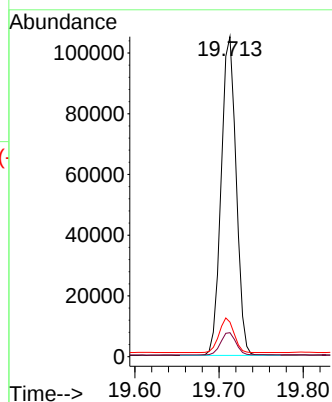
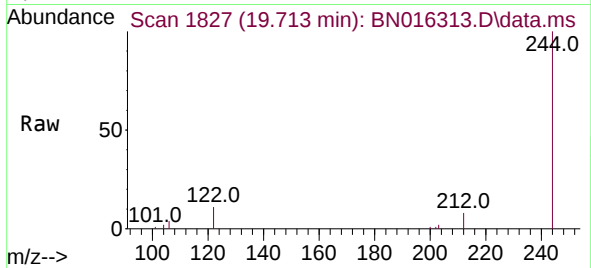




#31  
Terphenyl-d14  
Concen: 0.391 ng  
RT: 19.713 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

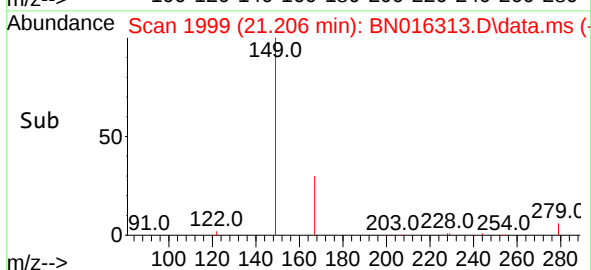
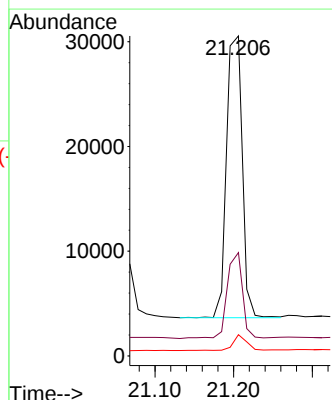
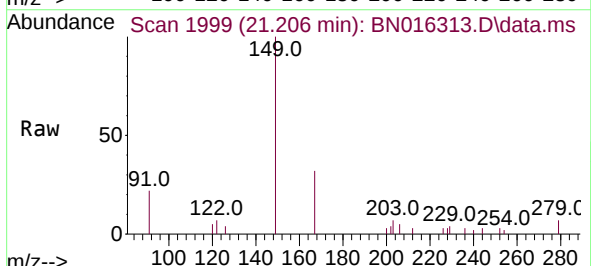
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-02-(0.2)

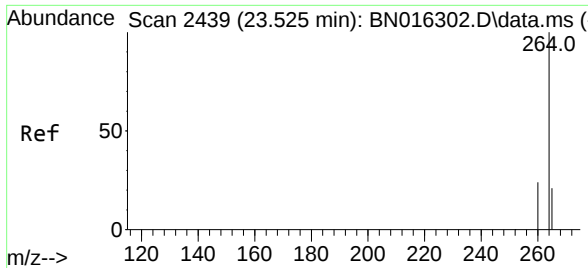
Tgt Ion:244 Resp: 129659  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.5 8.3  
122 10.8 9.0 13.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.151 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: BN016313.D  
Acq: 18 Sep 2021 01:18

Tgt Ion:149 Resp: 37363  
Ion Ratio Lower Upper  
149 100  
167 29.6 23.4 35.0  
279 5.1 3.9 5.9





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.525 min Scan# 2439  
 Delta R.T. -0.000 min  
 Lab File: BN016313.D  
 Acq: 18 Sep 2021 01:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-CB-02-(0.2)

Tgt Ion:264 Resp: 148262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 18.9  | 28.3  |
| 265 | 29.0  | 23.7  | 35.5  |

