

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016482.D  
 Acq On : 25 Sep 2021 19:21  
 Operator : CG/JU  
 Sample : M3782-08DL 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D5-20210914DL

Quant Time: Sep 26 04:15:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 2021  
 Response via : Initial Calibration

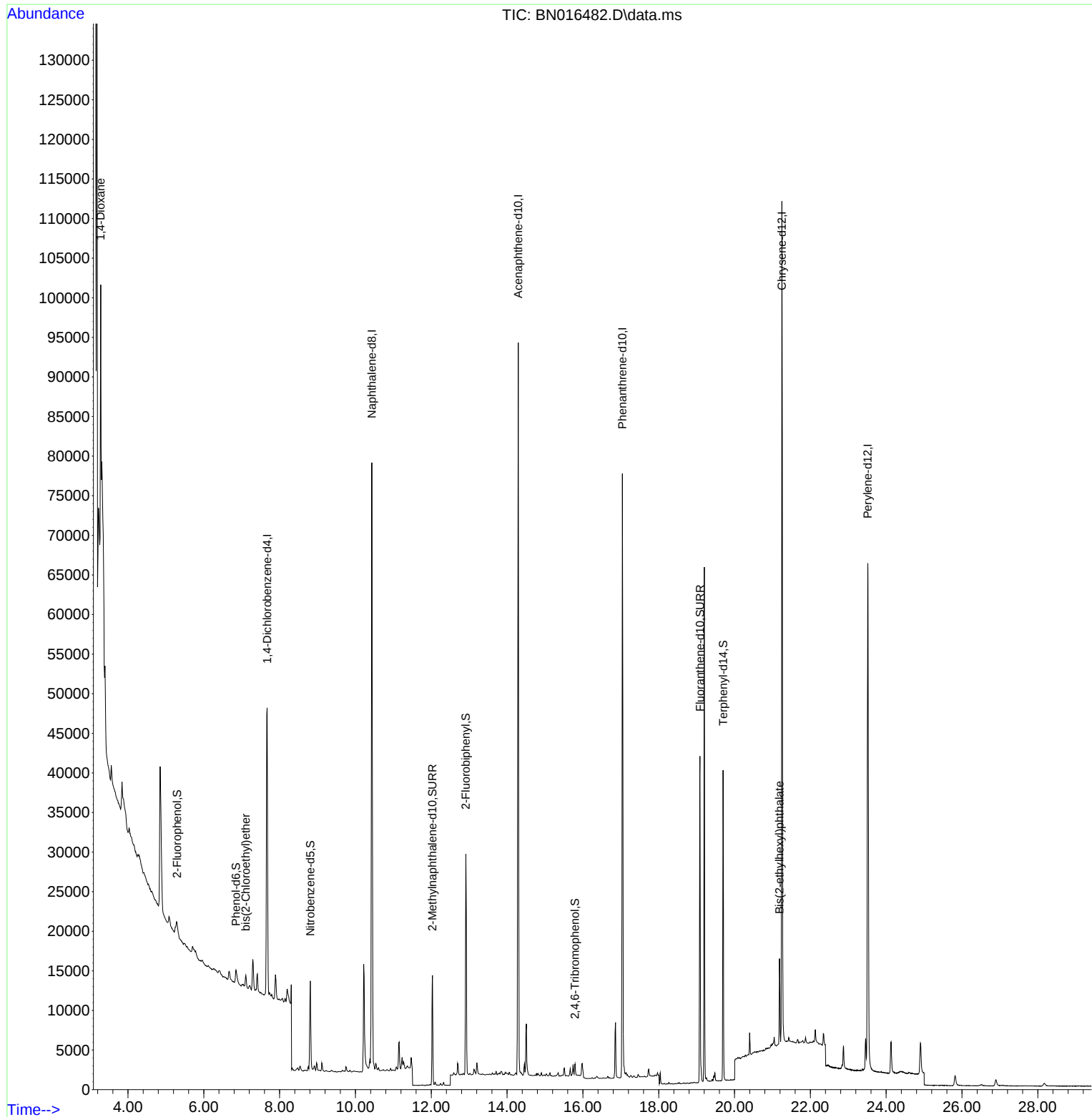
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 22719    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 98020    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 51071    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 101082   | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 102827   | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.515 | 264  | 87136    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 2196     | 0.04 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.849  | 99   | 1568     | 0.03 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 9161     | 0.13 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.029 | 152  | 18733    | 0.13 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 1160     | 0.18 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 24922    | 0.12 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 47319    | 0.17 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 39068    | 0.16 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 20010    | 2.06 | ng    | # 83     |
| 6) bis(2-Chloroethyl)ether    | 7.107  | 93   | 1268     | 0.02 | ng    | 89       |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 10926    | 0.13 | ng    | 97       |

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

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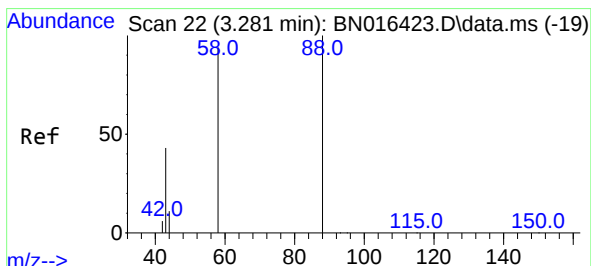
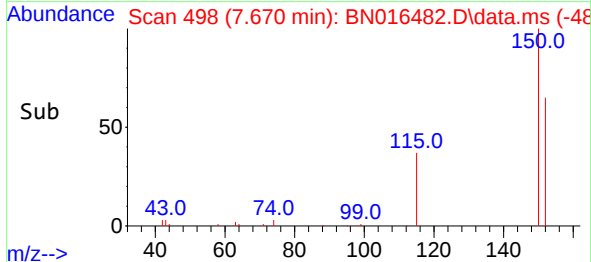
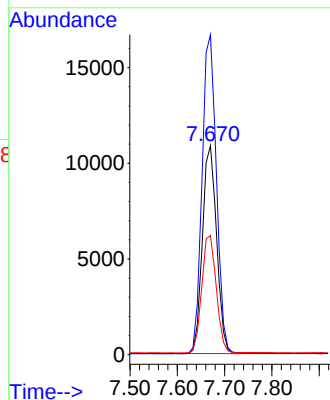
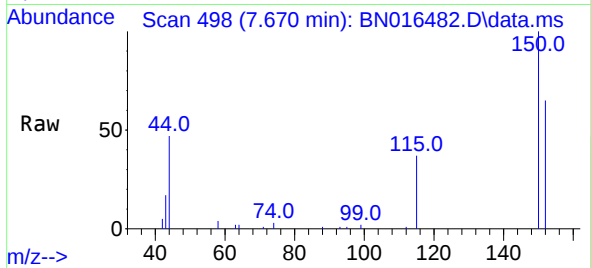




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.670 min Scan# 498  
 Delta R.T. -0.000 min  
 Lab File: BN016482.D  
 Acq: 25 Sep 2021 19:21

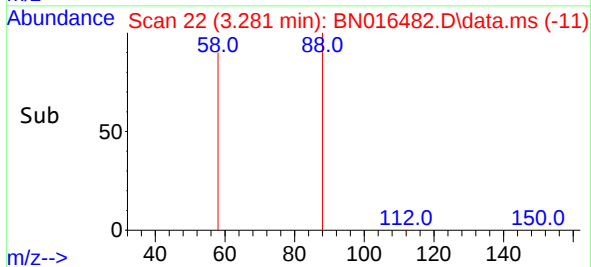
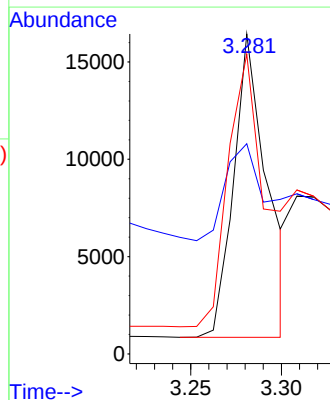
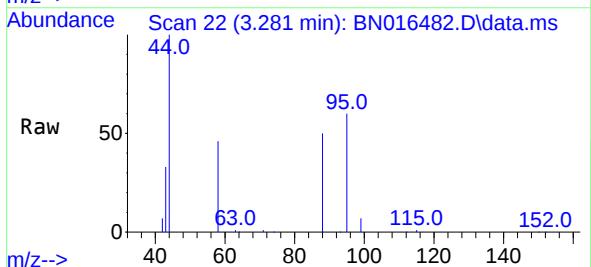
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 BNA\_N  
 ClientSampleId :  
 RE132D5-20210914DL

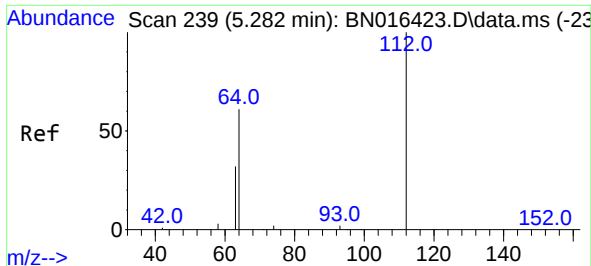
Tgt Ion:152 Resp: 22719  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 125.6 188.4  
 115 57.0 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 2.06 ng  
 RT: 3.281 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN016482.D  
 Acq: 25 Sep 2021 19:21

Tgt Ion: 88 Resp: 20010  
 Ion Ratio Lower Upper  
 88 100  
 43 37.8 20.3 30.5#  
 58 100.8 69.9 104.9

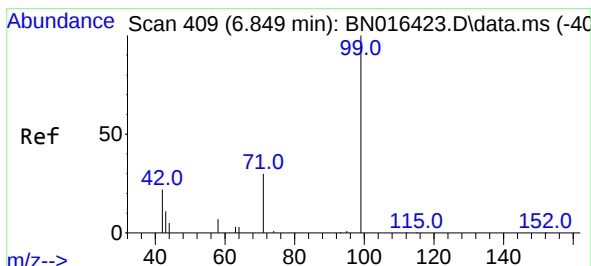
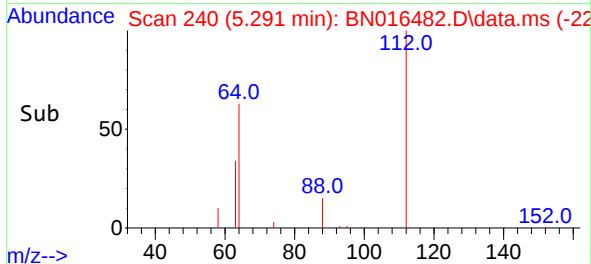
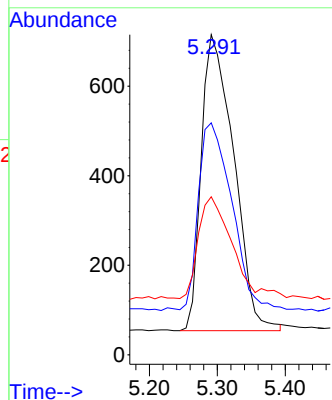
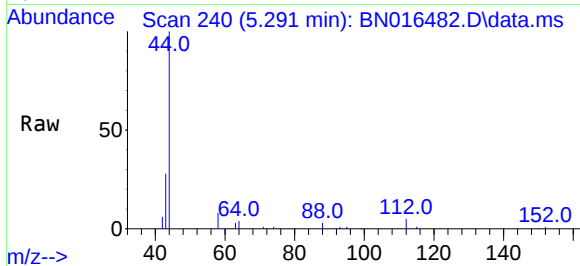




#4  
2-Fluorophenol  
Concen: 0.04 ng  
RT: 5.291 min Scan# 240  
Delta R.T. 0.009 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

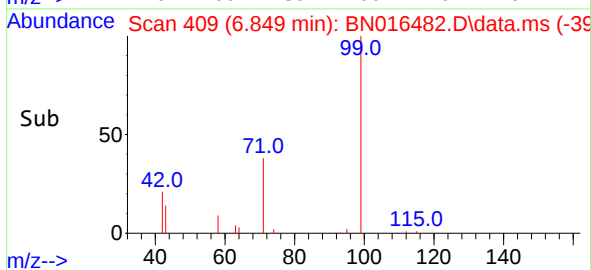
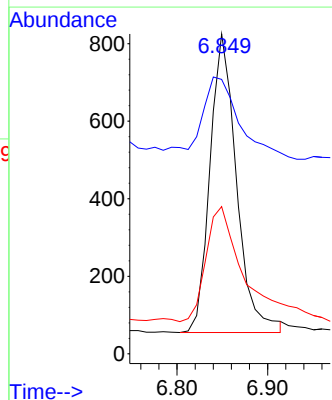
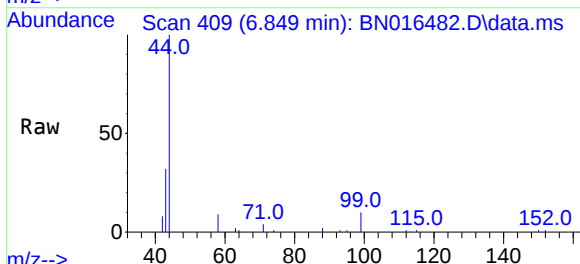
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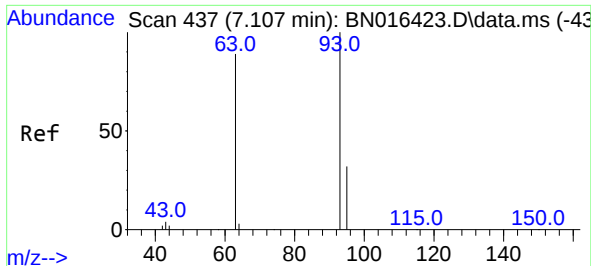
Tgt Ion:112 Resp: 2196  
Ion Ratio Lower Upper  
112 100  
64 65.5 47.3 70.9  
63 35.7 23.4 35.0#



#5  
Phenol-d6  
Concen: 0.03 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

Tgt Ion: 99 Resp: 1568  
Ion Ratio Lower Upper  
99 100  
42 30.9 14.0 21.0#  
71 52.3 23.8 35.6#

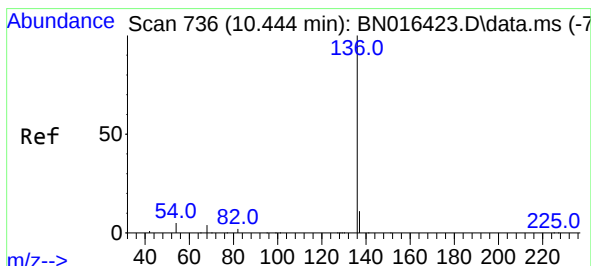
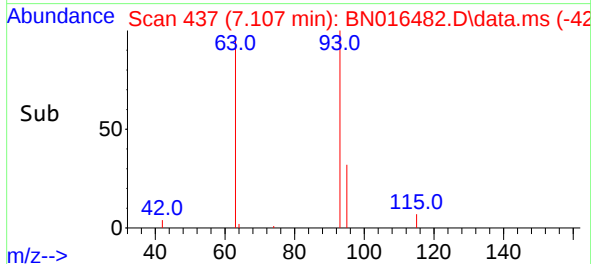
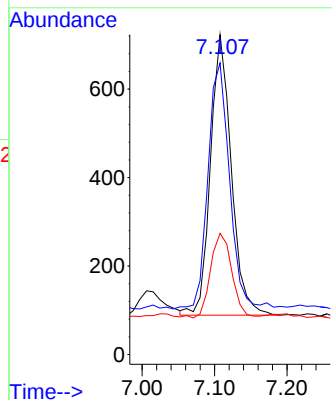
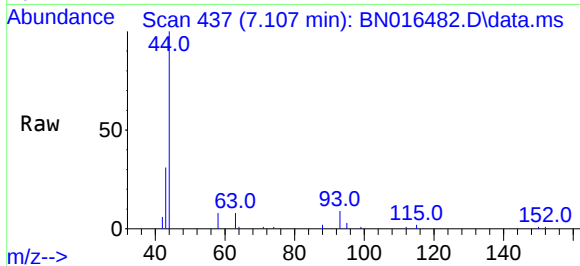




#6  
bis(2-Chloroethyl)ether  
Concen: 0.02 ng  
RT: 7.107 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

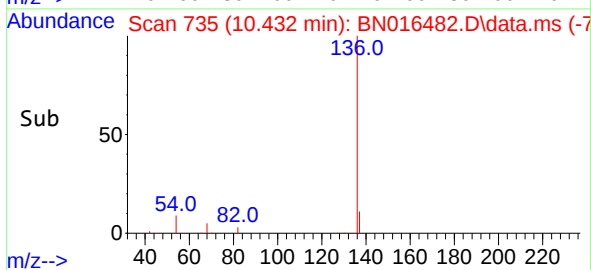
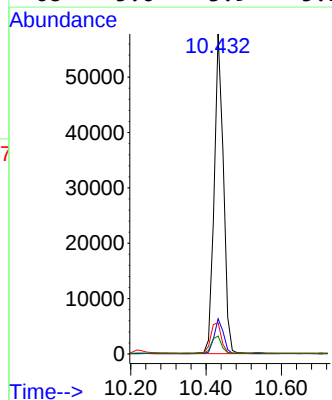
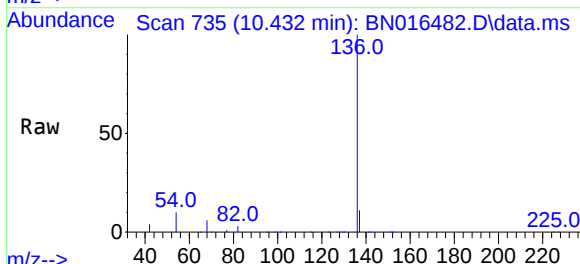
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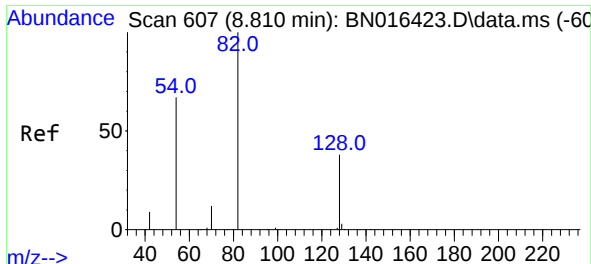
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1268  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 91.2  | 63.4  | 95.0  |
| 95       | 30.5  | 26.8  | 40.2  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.013 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 98020 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.8   | 13.2  |
| 54       | 9.8   | 5.3   | 7.9#  |
| 68       | 5.6   | 3.9   | 5.9   |

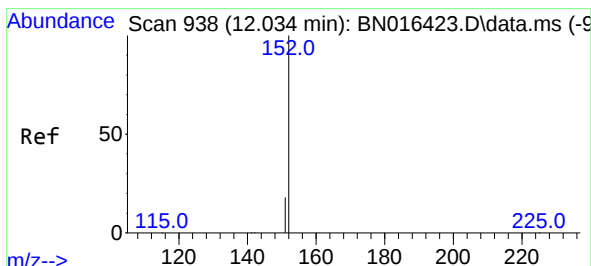
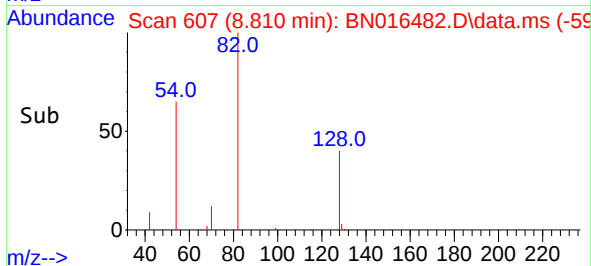
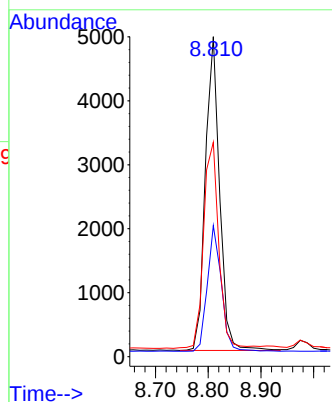
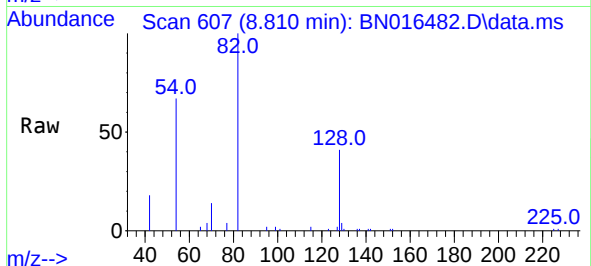




#8  
Nitrobenzene-d5  
Concen: 0.13 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

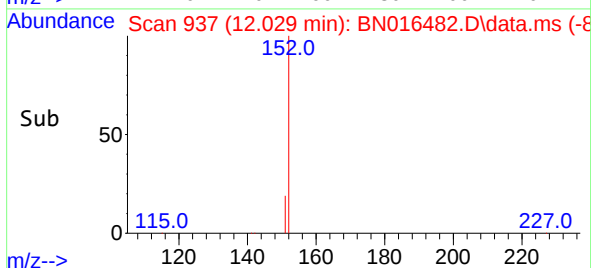
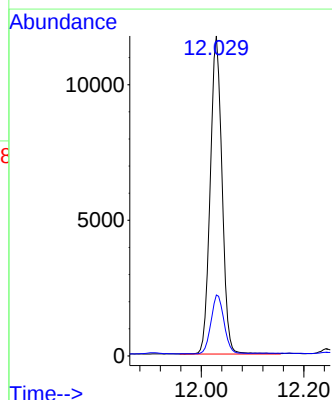
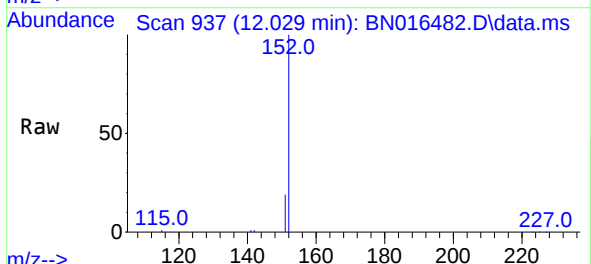
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ClientSampleId :  
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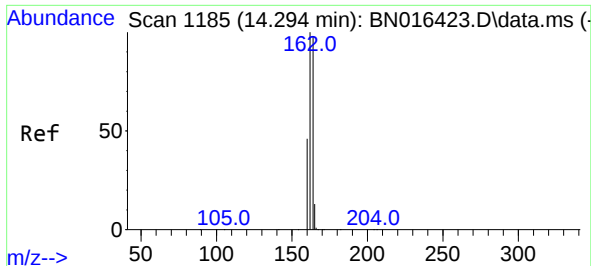
Tgt Ion: 82 Resp: 9161  
Ion Ratio Lower Upper  
82 100  
128 40.9 31.7 47.5  
54 67.0 46.4 69.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.13 ng  
RT: 12.029 min Scan# 937  
Delta R.T. -0.004 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

Tgt Ion: 152 Resp: 18733  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1

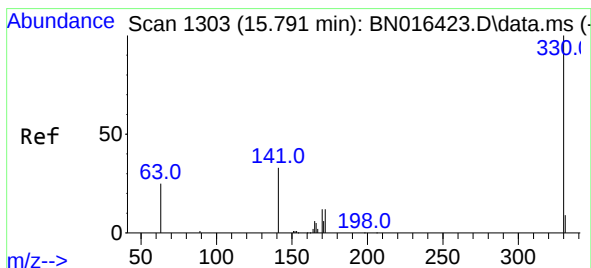
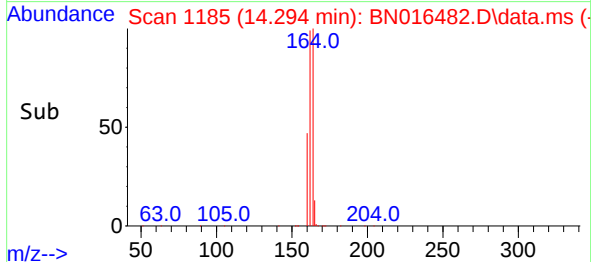
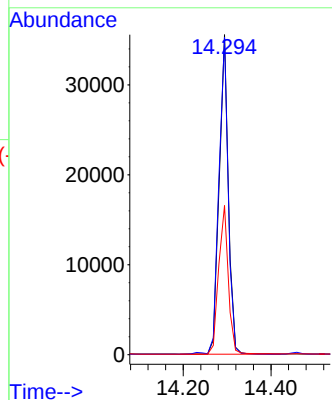
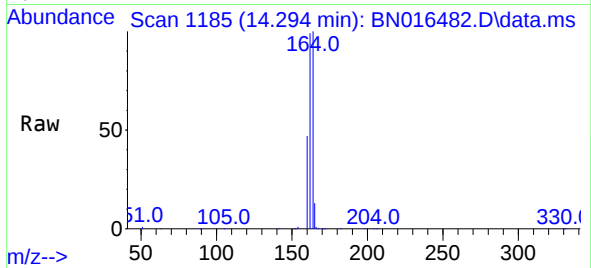




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

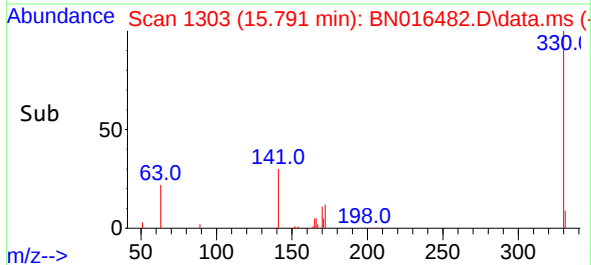
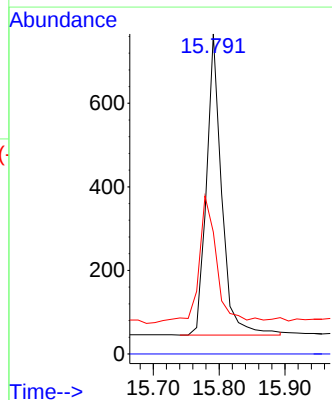
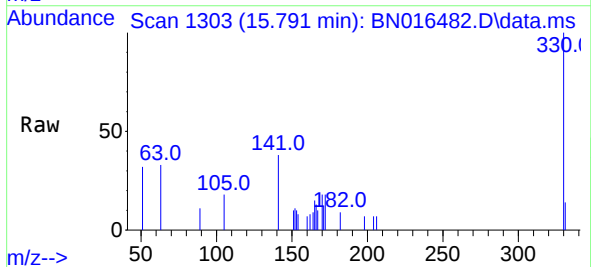
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D5-20210914DL

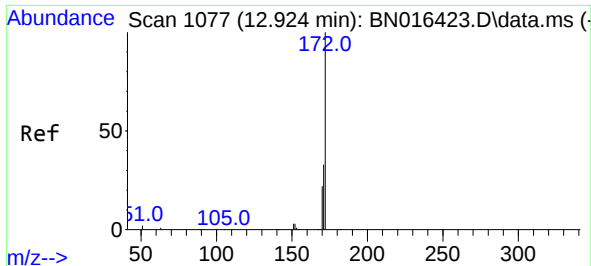
Tgt Ion:164 Resp: 51071  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.0 118.4  
160 46.6 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.18 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

Tgt Ion:330 Resp: 1160  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 44.5 25.0 37.4#

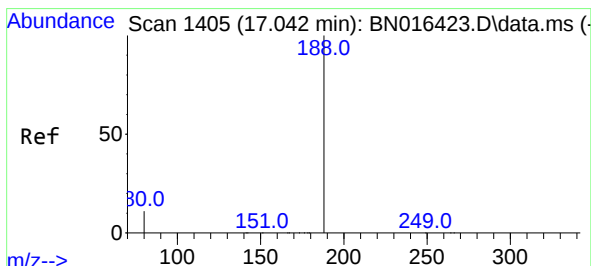
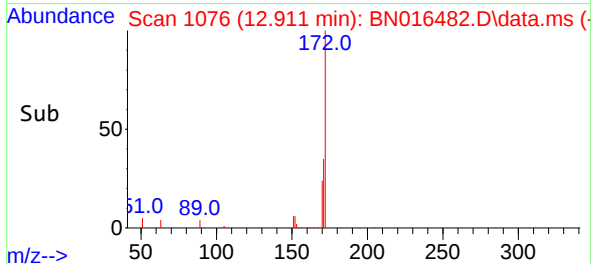
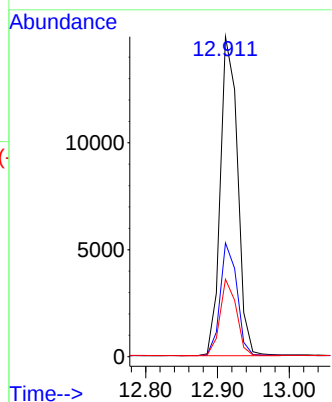
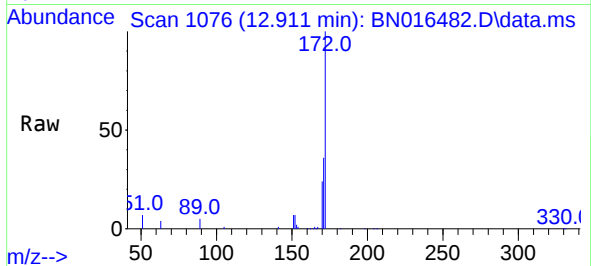




#15  
2-Fluorobiphenyl  
Concen: 0.12 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.013 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

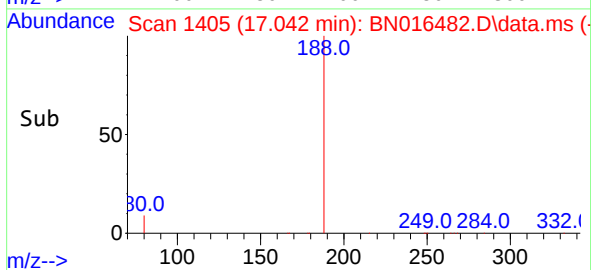
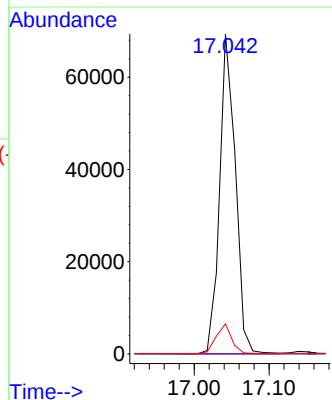
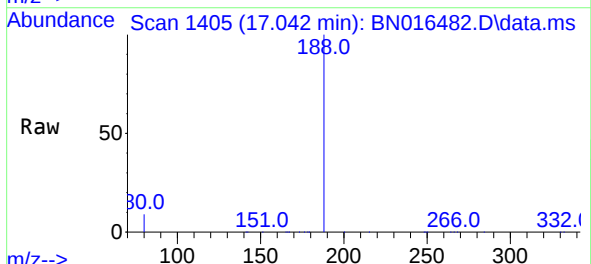
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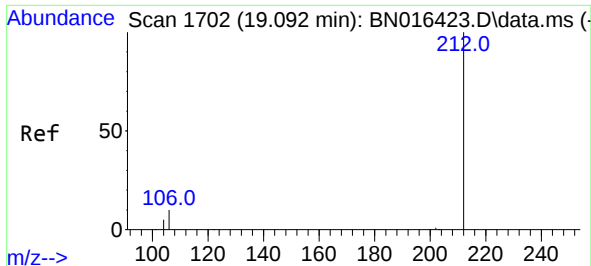
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 24922     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.6  | 27.8 41.6 |
| 170         | 24.2  | 18.2 27.2 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 101082   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 9.4   | 7.0 10.6 |

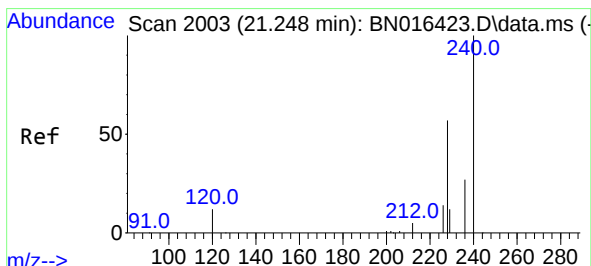
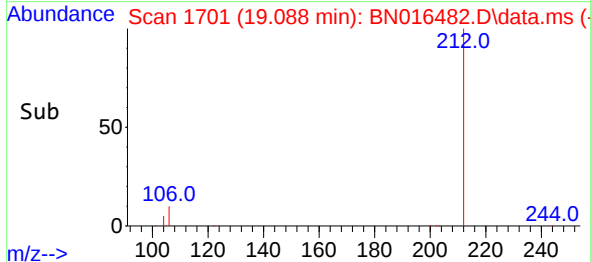
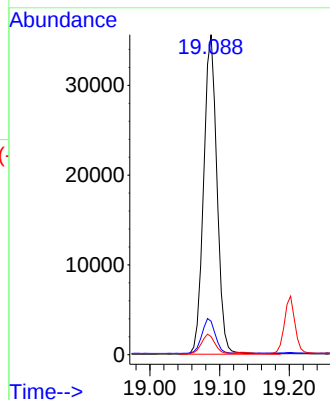
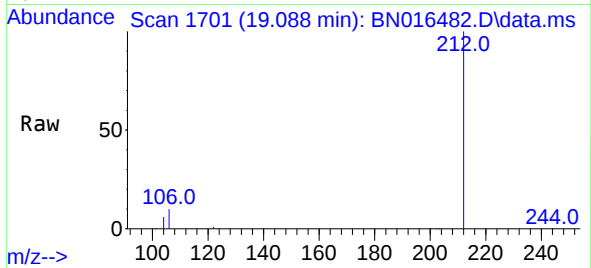




#27  
Fluoranthene-d10  
Concen: 0.17 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

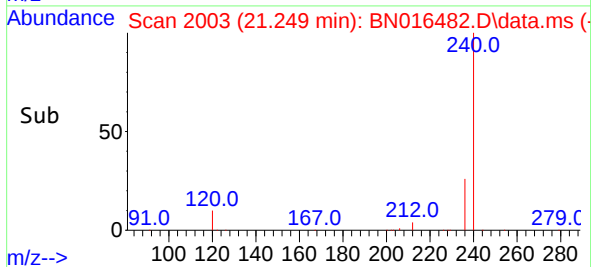
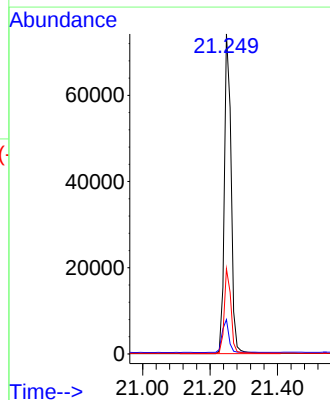
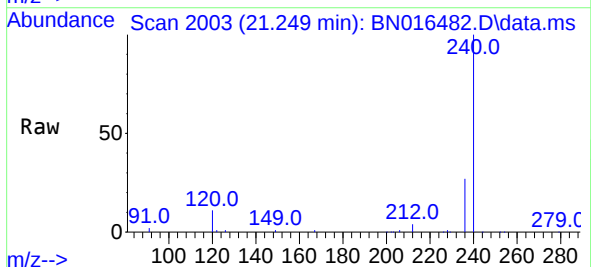
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BNA\_N  
ClientSampleId :  
RE132D5-20210914DL

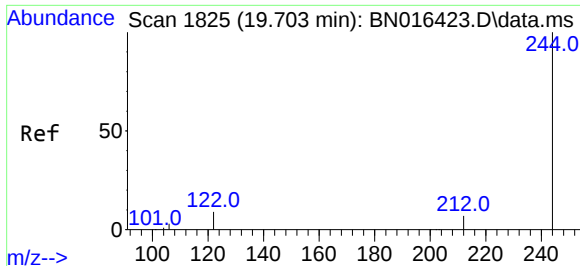
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:212 | Resp: | 47319    |
| Ion Ratio   | Lower | Upper    |
| 212         | 100   |          |
| 106         | 10.9  | 9.8 14.6 |
| 104         | 6.1   | 5.4 8.2  |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 102827    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 10.8  | 5.3 7.9#  |
| 236         | 26.6  | 19.8 29.8 |

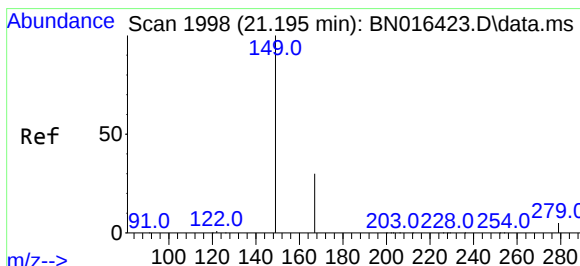
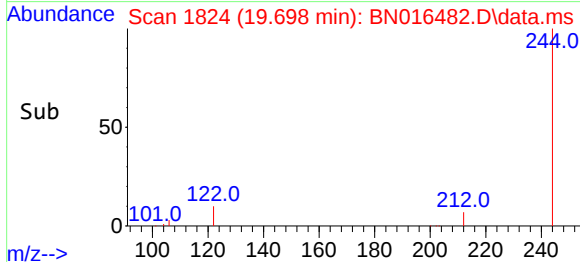
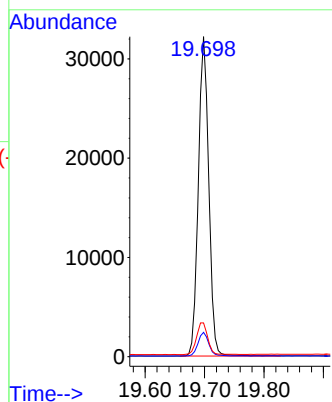
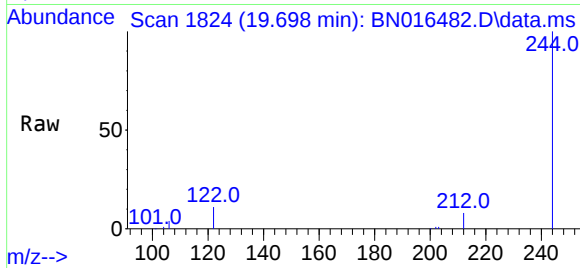




#31  
Terphenyl-d14  
Concen: 0.16 ng  
RT: 19.698 min Scan# 1824  
Delta R.T. -0.005 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

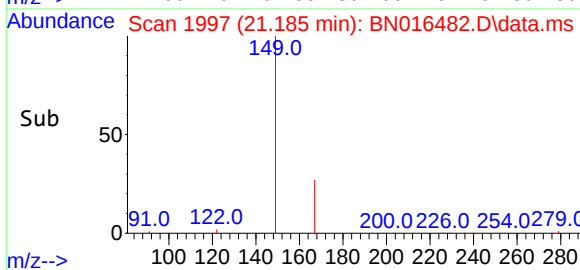
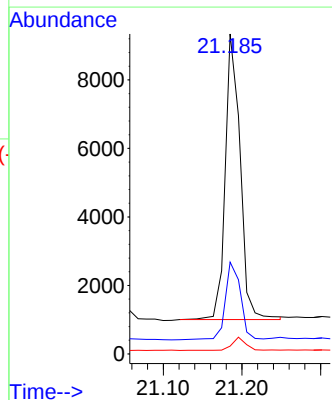
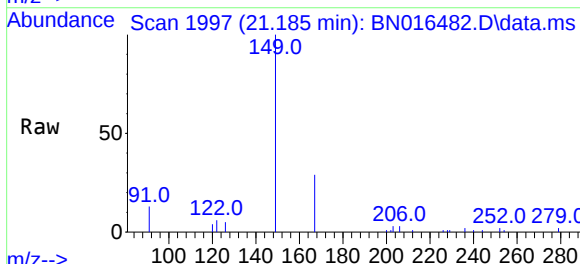
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D5-20210914DL

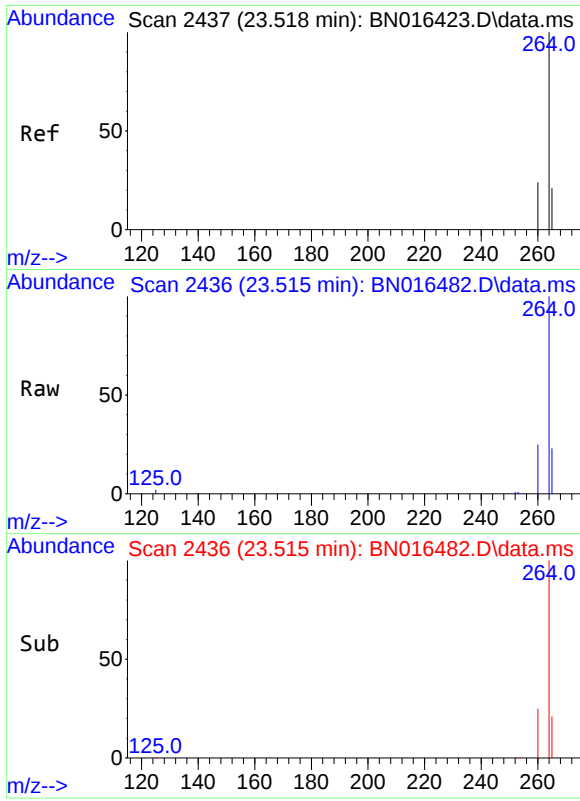
Tgt Ion:244 Resp: 39068  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.5 8.3  
122 10.5 9.0 13.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.13 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.011 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

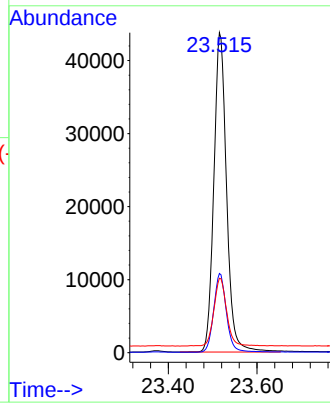
Tgt Ion:149 Resp: 10926  
Ion Ratio Lower Upper  
149 100  
167 27.6 23.4 35.0  
279 4.3 3.9 5.9





#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.515 min Scan# 2436  
Delta R.T. -0.003 min  
Lab File: BN016482.D  
Acq: 25 Sep 2021 19:21

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 87136       |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 24.8  | 18.9 28.3   |
| 265         | 23.2  | 23.7 35.5#  |



Instrument :  
BNA\_N  
ClientSampleId :  
RE132D5-20210914DL