

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016661.D  
 Acq On : 02 Oct 2021 08:09  
 Operator : CG/JU  
 Sample : M3829-09  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D1-20210917

Quant Time: Oct 04 03:32:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 13:35:26 2021  
 Response via : Initial Calibration

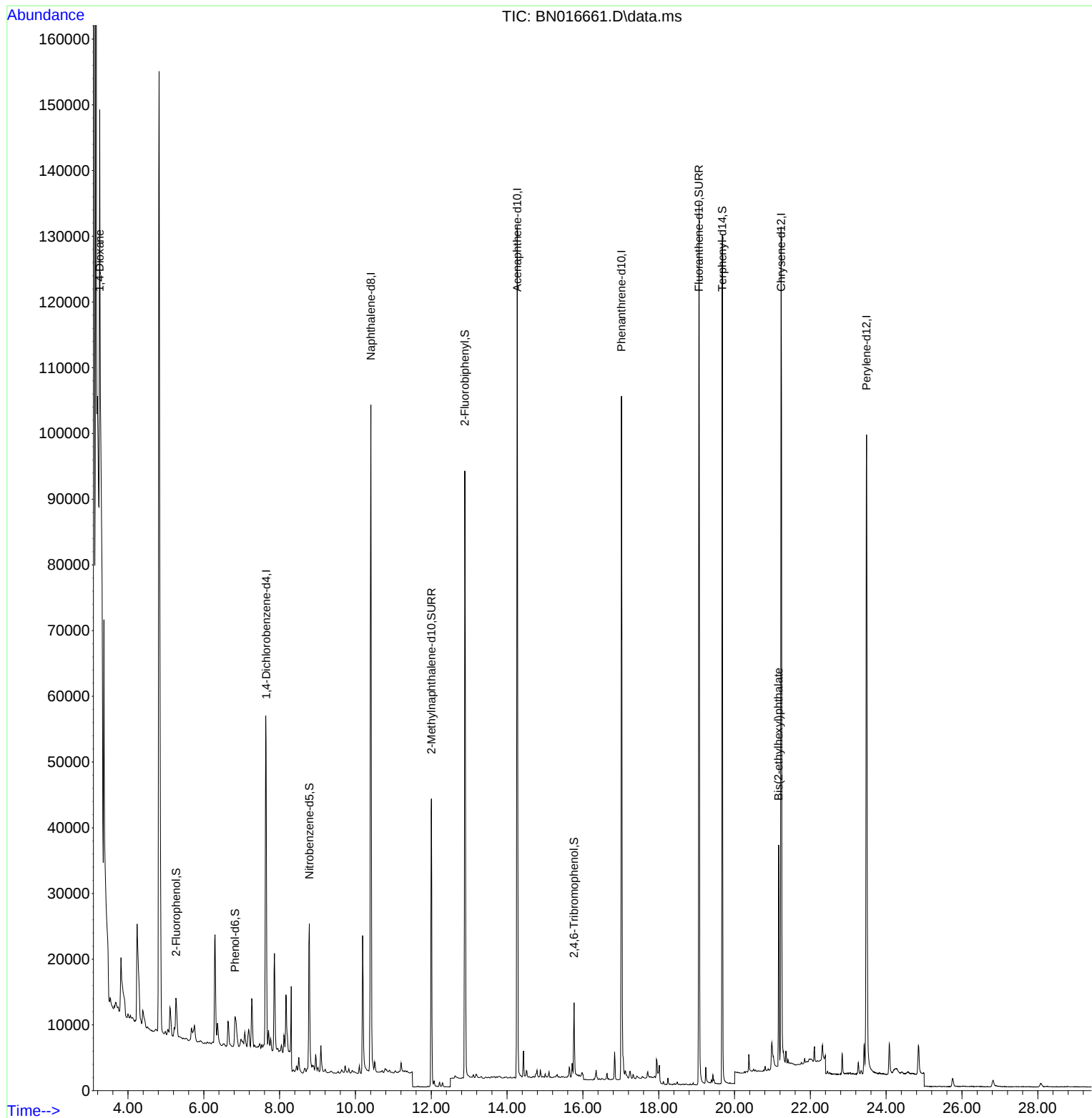
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 29763    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.407 | 136  | 136580   | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.269 | 164  | 72103    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.018 | 188  | 140359   | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 131966   | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.481 | 264  | 134047   | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 8053     | 0.11 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.822  | 99   | 4894     | 0.06 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 22133    | 0.25 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 60678    | 0.30 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 9936     | 0.30 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 84306    | 0.29 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.063 | 212  | 154515   | 0.41 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 129757   | 0.45 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.253  | 88   | 51287    | 3.74 | ng    | # 86     |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 33010    | 0.20 | ng    | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
Data File : BN016661.D  
Acq On : 02 Oct 2021 08:09  
Operator : CG/JU  
Sample : M3829-09  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
RE105D1-20210917

Quant Time: Oct 04 03:32:58 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 01 13:35:26 2021  
Response via : Initial Calibration

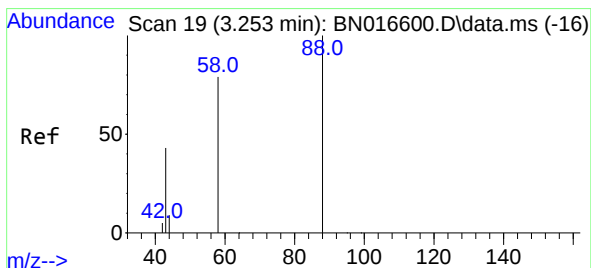
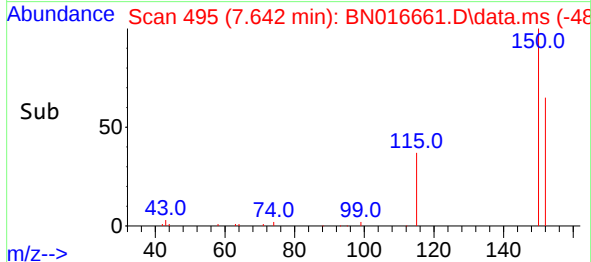
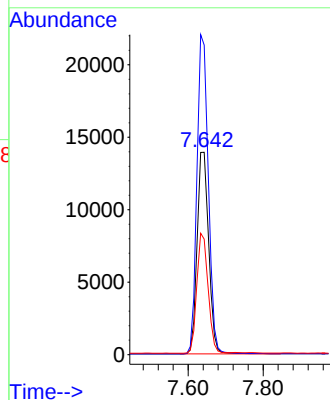
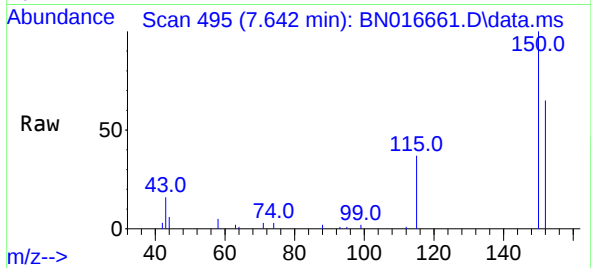




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.642 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: BN016661.D  
 Acq: 02 Oct 2021 08:09

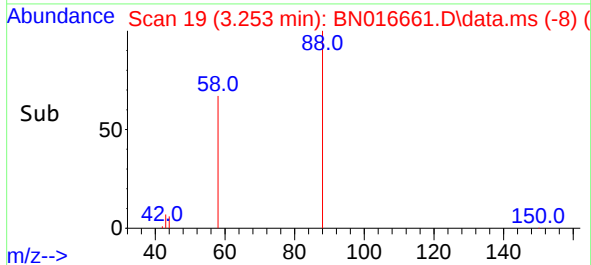
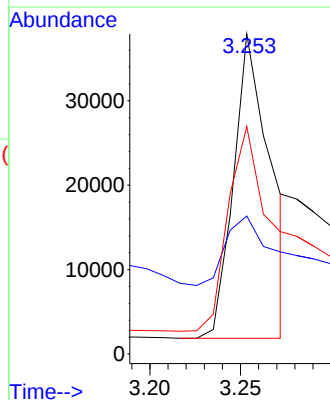
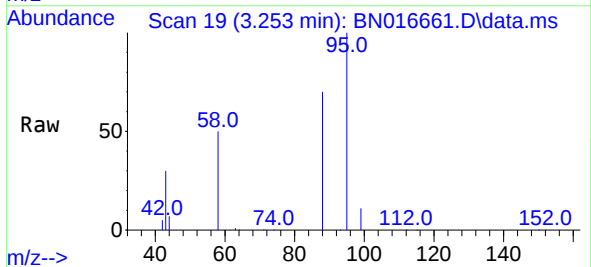
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 ClientSampleId :  
 RE105D1-20210917

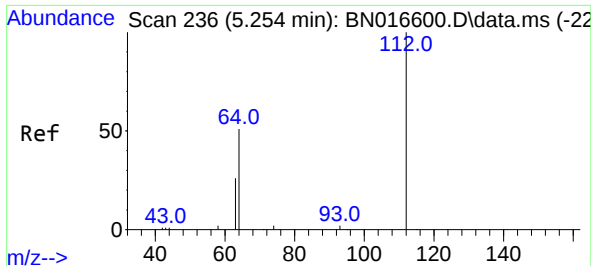
Tgt Ion:152 Resp: 29763  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 124.6 186.8  
 115 57.1 46.5 69.7



#2  
 1,4-Dioxane  
 Concen: 3.74 ng  
 RT: 3.253 min Scan# 19  
 Delta R.T. 0.000 min  
 Lab File: BN016661.D  
 Acq: 02 Oct 2021 08:09

Tgt Ion: 88 Resp: 51287  
 Ion Ratio Lower Upper  
 88 100  
 43 26.2 37.8 56.8#  
 58 73.7 61.3 91.9

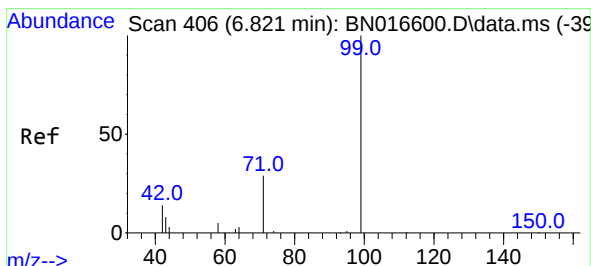
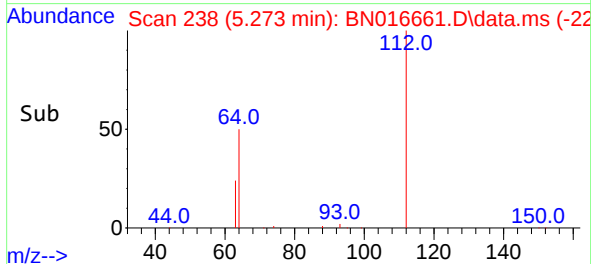
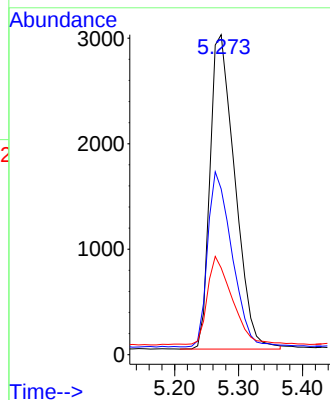
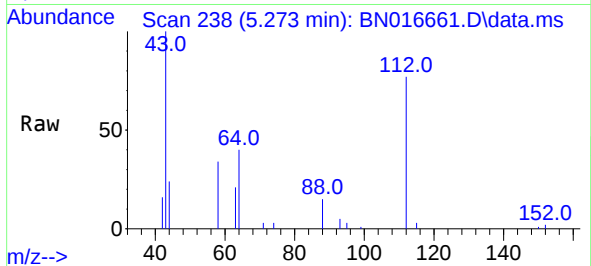




#4  
2-Fluorophenol  
Concen: 0.11 ng  
RT: 5.273 min Scan# 238  
Delta R.T. 0.019 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

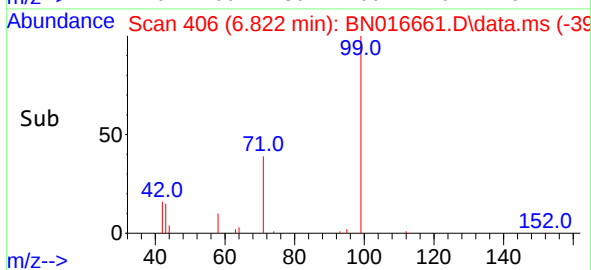
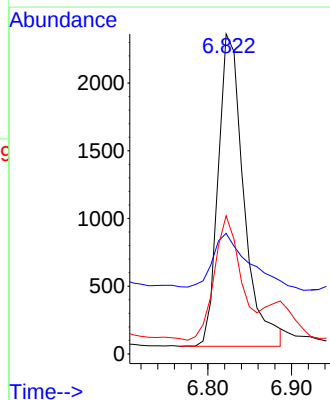
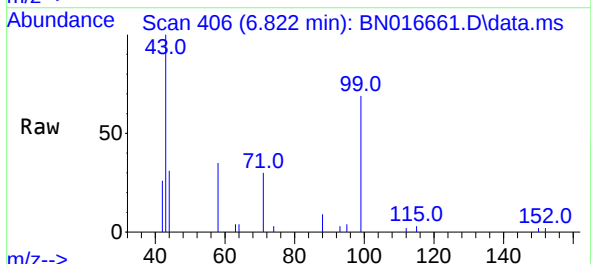
Instrument :  
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ClientSampleId :  
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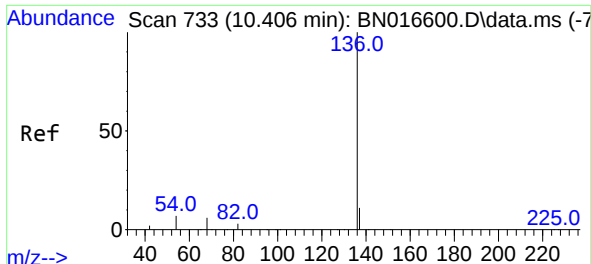
Tgt Ion:112 Resp: 8053  
Ion Ratio Lower Upper  
112 100  
64 54.6 43.1 64.7  
63 28.5 21.6 32.4



#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.822 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

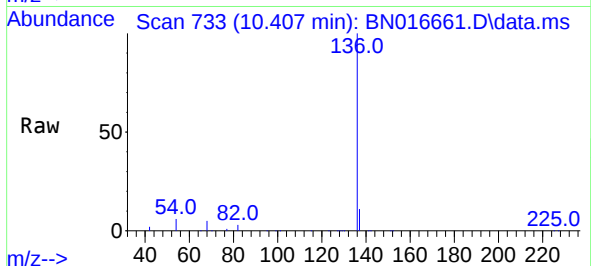
Tgt Ion: 99 Resp: 4894  
Ion Ratio Lower Upper  
99 100  
42 23.0 13.0 19.6#  
71 41.8 23.5 35.3#



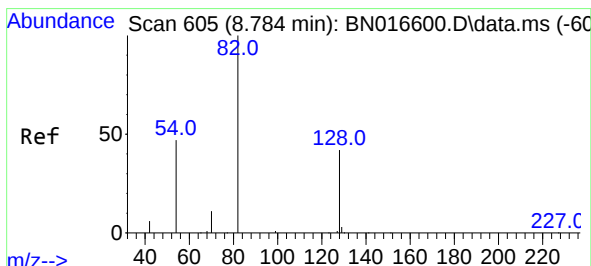
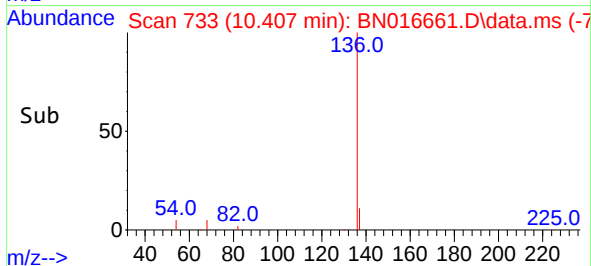
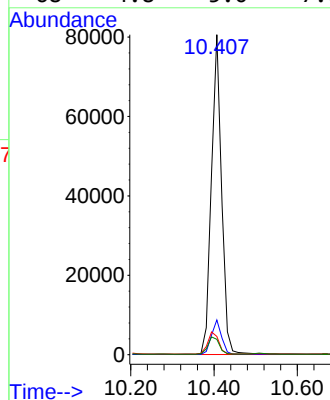


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.407 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

Instrument :  
BNA\_N  
ClientSampleId :  
RE105D1-20210917

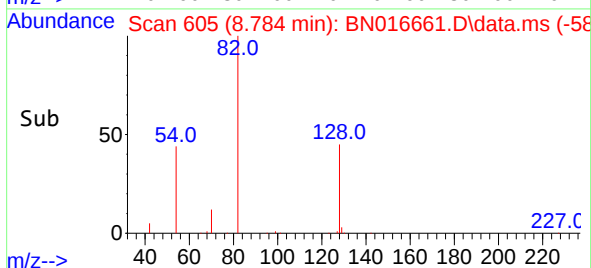
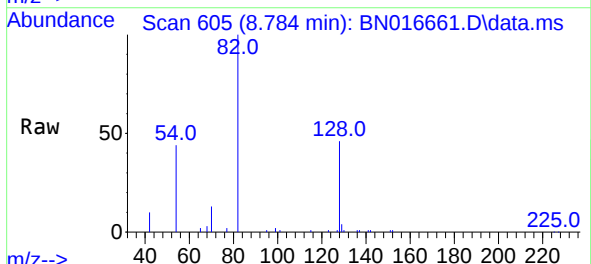
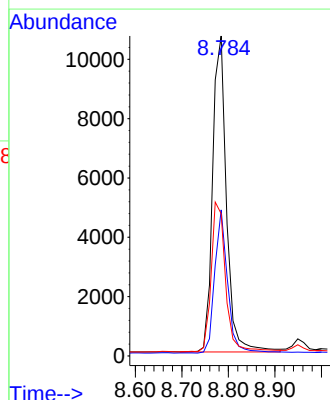


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 136580 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.7   | 13.1   |
| 54       | 5.7   | 5.9   | 8.9#   |
| 68       | 4.8   | 5.0   | 7.6#   |



#8  
Nitrobenzene-d5  
Concen: 0.25 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 22133 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.6  | 33.6  | 50.4  |
| 54       | 44.5  | 37.6  | 56.4  |

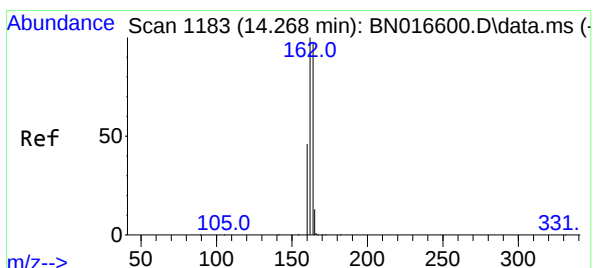
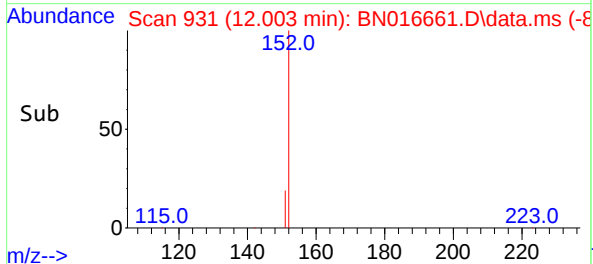
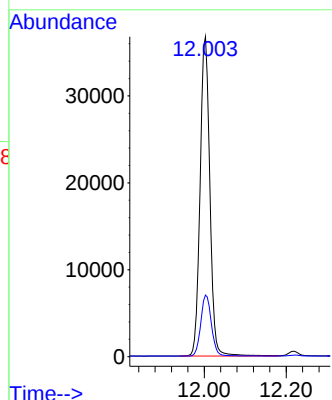
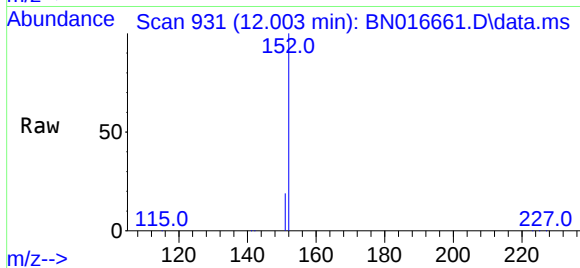




#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

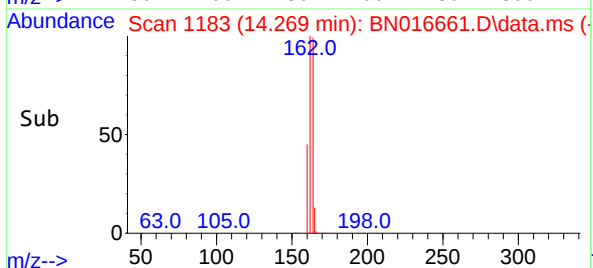
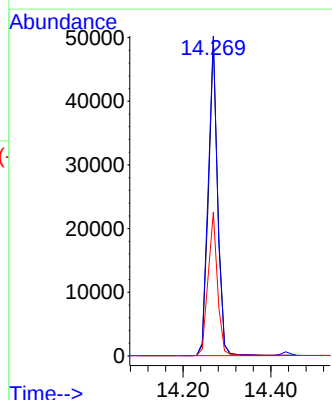
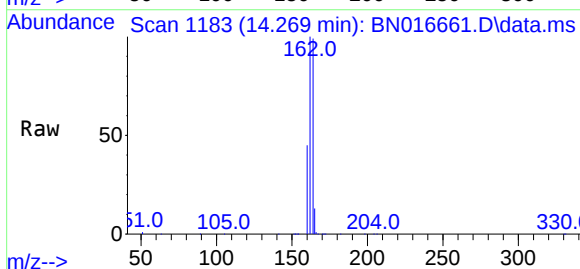
Instrument :  
BNA\_N  
ClientSampleId :  
RE105D1-20210917

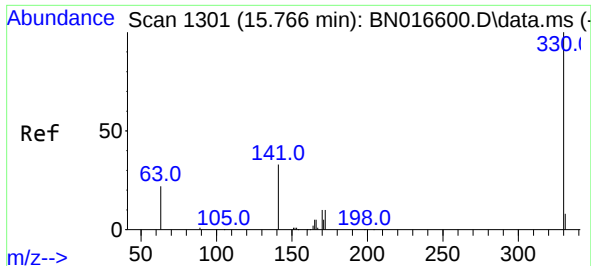
Tgt Ion:152 Resp: 60678  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

Tgt Ion:164 Resp: 72103  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.2 123.2  
160 45.5 37.7 56.5

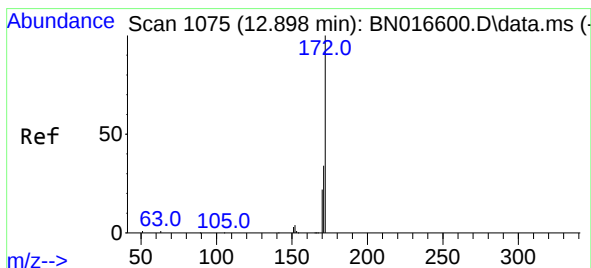
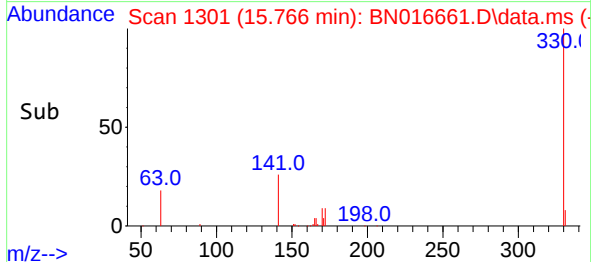
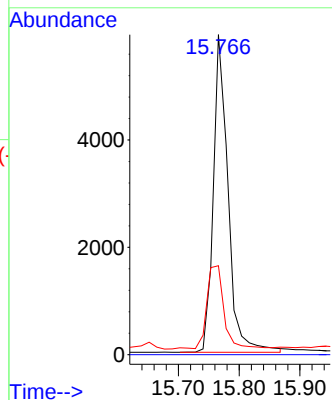
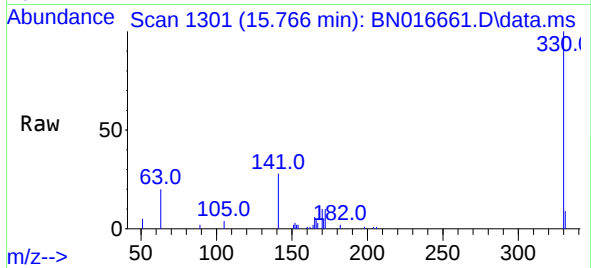




#14  
2,4,6-Tribromophenol  
Concen: 0.30 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

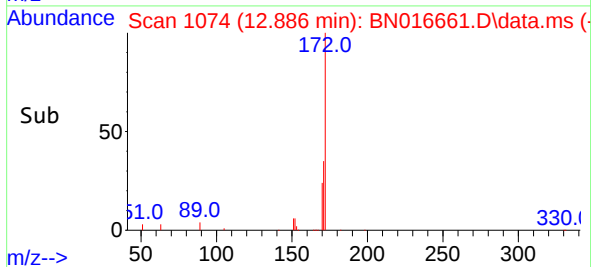
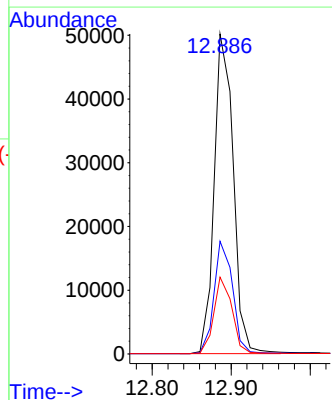
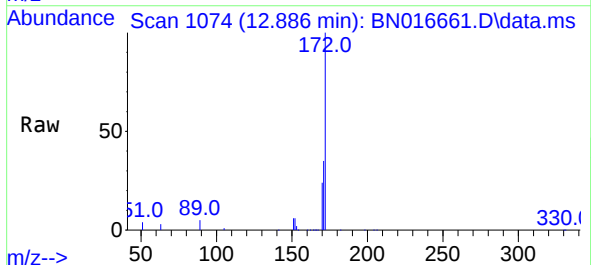
Instrument :  
BNA\_N  
ClientSampleId :  
RE105D1-20210917

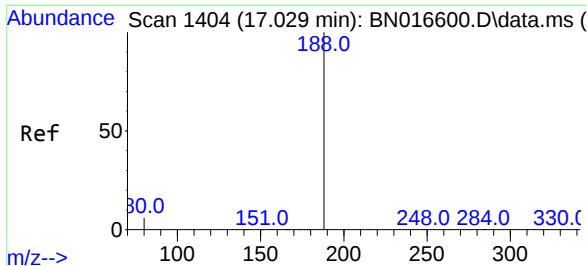
Tgt Ion: 330 Resp: 9936  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.0 25.2 37.8



#15  
2-Fluorobiphenyl  
Concen: 0.29 ng  
RT: 12.886 min Scan# 1074  
Delta R.T. -0.012 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

Tgt Ion: 172 Resp: 84306  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.0 40.4  
170 24.0 17.4 26.2

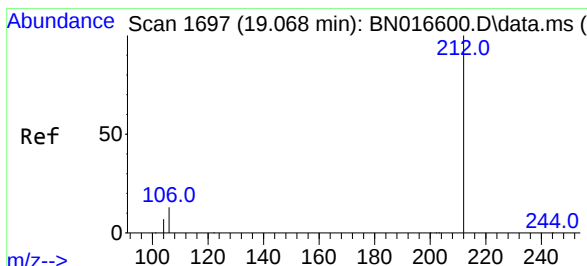
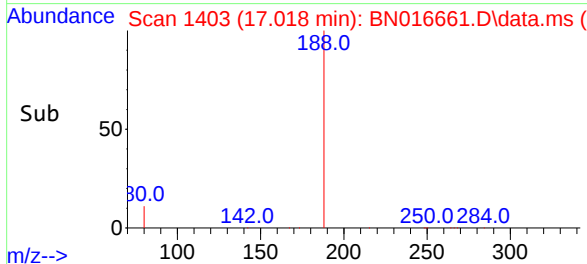
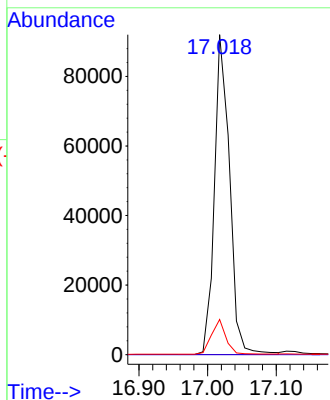
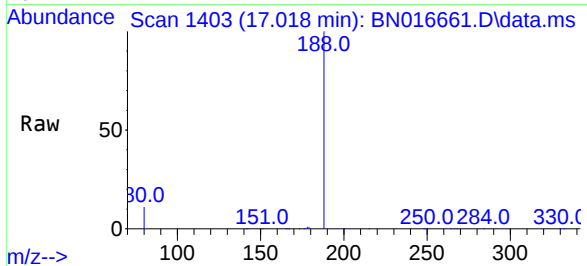




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.018 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

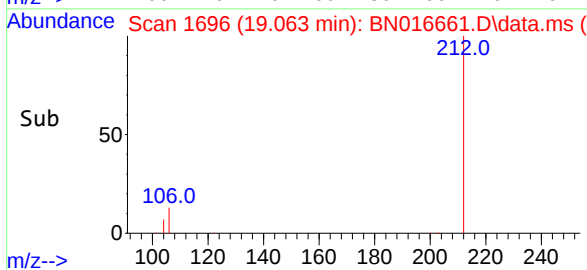
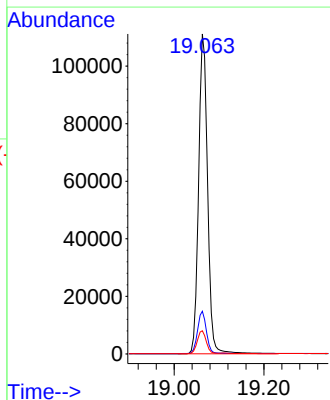
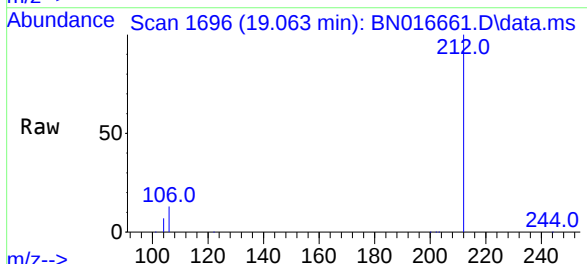
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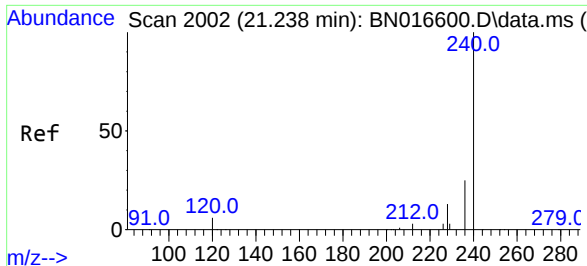
|             |       |        |
|-------------|-------|--------|
| Tgt Ion:188 | Resp: | 140359 |
| Ion Ratio   | Lower | Upper  |
| 188         | 100   |        |
| 94          | 0.0   | 0.0    |
| 80          | 11.0  | 5.0    |



#27  
Fluoranthene-d10  
Concen: 0.41 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:212 | Resp: | 154515 |
| Ion Ratio   | Lower | Upper  |
| 212         | 100   |        |
| 106         | 13.3  | 10.6   |
| 104         | 7.1   | 5.9    |

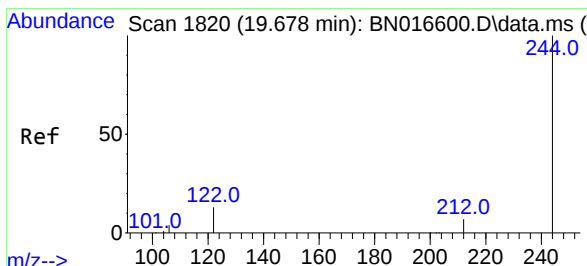
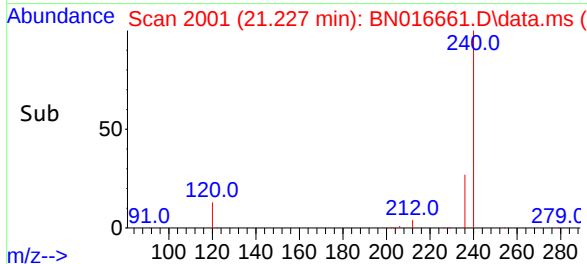
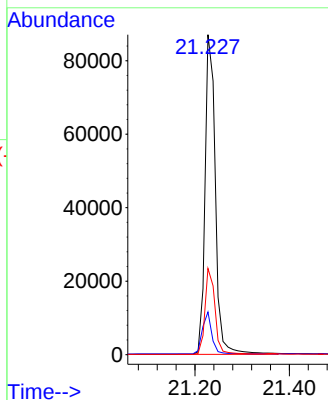
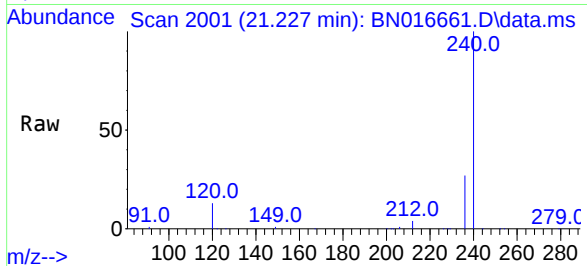




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.010 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

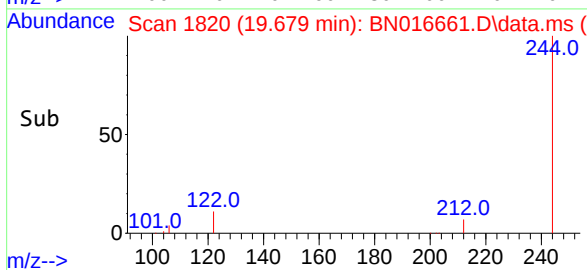
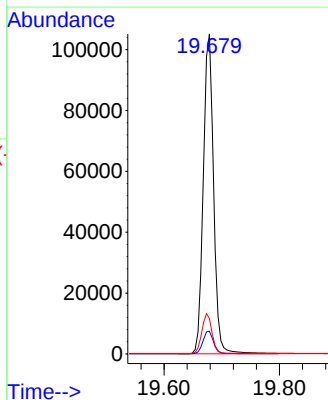
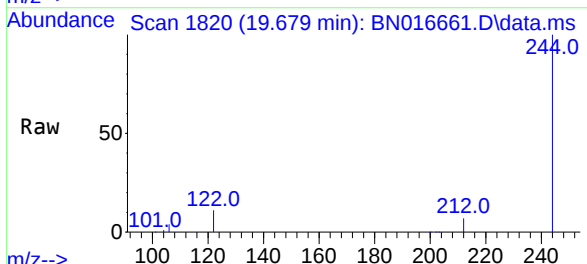
Instrument :  
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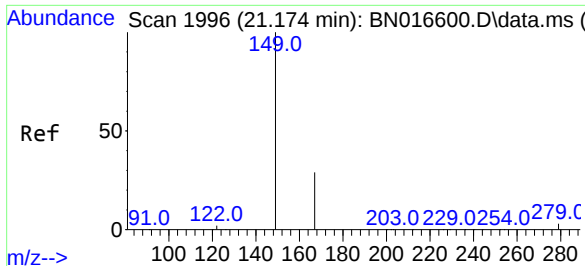
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Ion Ratio Lower Upper  
240 100  
120 13.3 5.0 7.4#  
236 26.9 20.4 30.6



#31  
Terphenyl-d14  
Concen: 0.45 ng  
RT: 19.679 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: BN016661.D  
Acq: 02 Oct 2021 08:09

Tgt Ion:244 Resp: 129757  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.0 9.0  
122 11.1 10.1 15.1

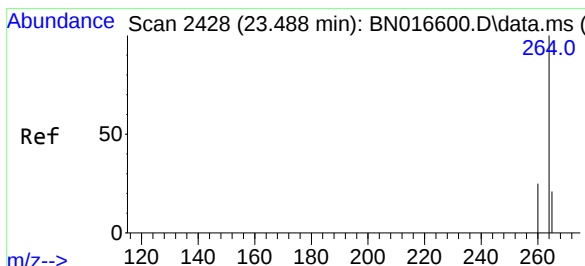
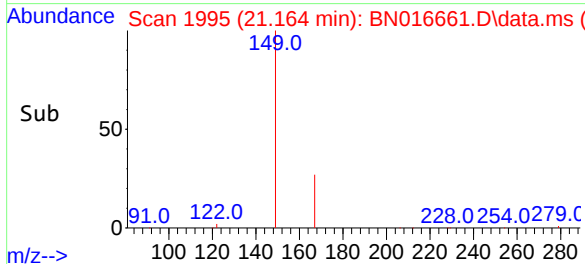
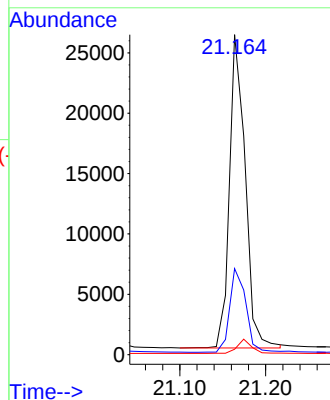
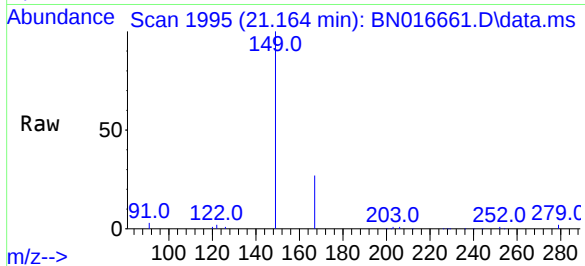




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.20 ng  
 RT: 21.164 min Scan# 1995  
 Delta R.T. -0.010 min  
 Lab File: BN016661.D  
 Acq: 02 Oct 2021 08:09

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D1-20210917

Tgt Ion:149 Resp: 33010  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 22.2 33.4  
 279 4.1 3.2 4.8



#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.481 min Scan# 2426  
 Delta R.T. -0.006 min  
 Lab File: BN016661.D  
 Acq: 02 Oct 2021 08:09

Tgt Ion:264 Resp: 134047  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.9 29.9  
 265 22.7 19.2 28.8

