

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122320\  
 Data File : BN013290.D  
 Acq On : 23 Dec 2020 02:38  
 Operator : CG/JU  
 Sample : L5123-04DL 2X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D-20201211DL

Quant Time: Dec 23 03:14:28 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 22 10:46:43 2020  
 Response via : Initial Calibration

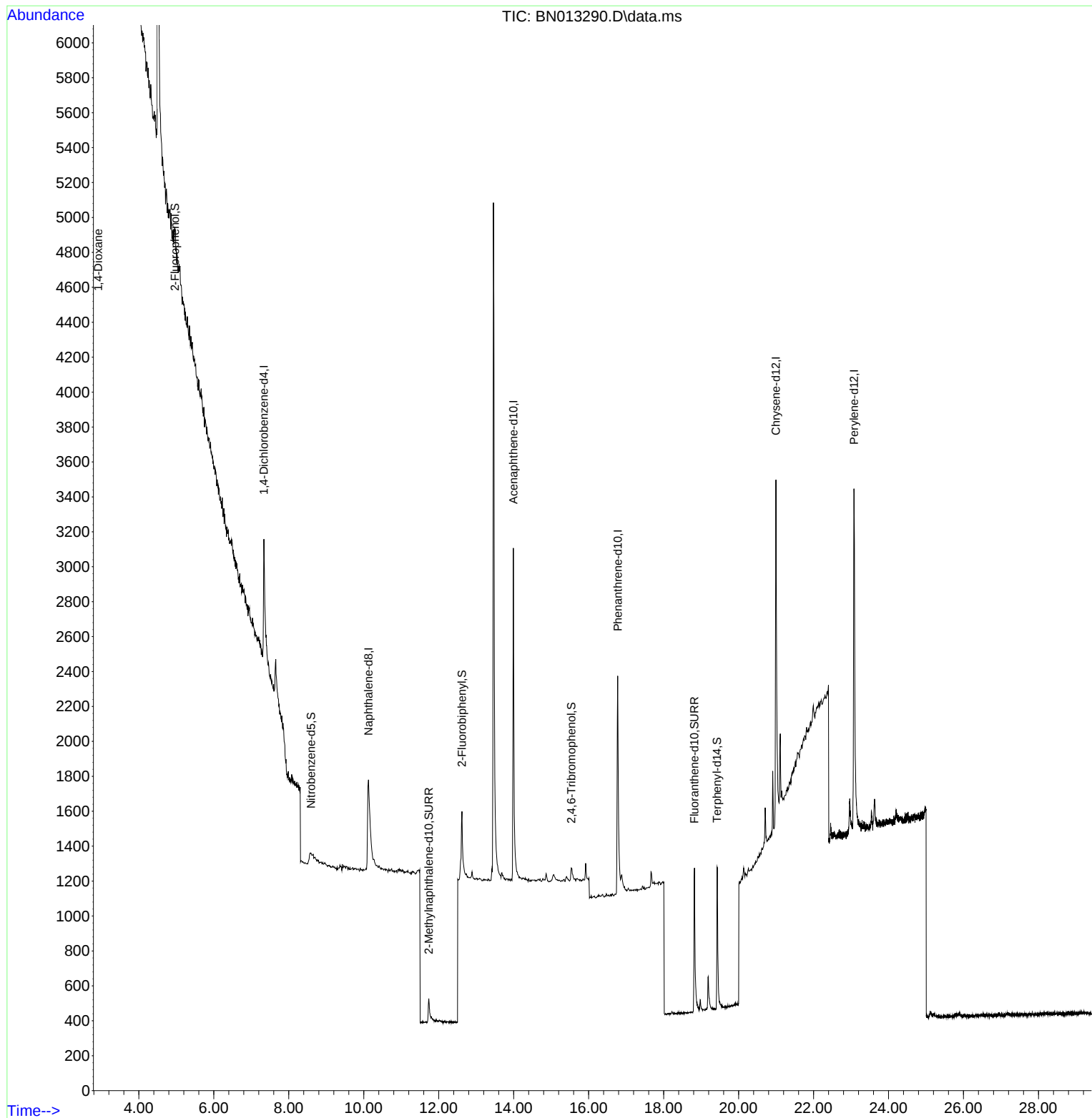
| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min)       |
|-----------------------------|--------|------|----------|------|-------|----------------|
| -----                       |        |      |          |      |       |                |
| Internal Standards          |        |      |          |      |       |                |
| 1) 1,4-Dichlorobenzene-d4   | 7.338  | 152  | 679      | 0.40 | ng    | # 0.00         |
| 7) Naphthalene-d8           | 10.125 | 136  | 1862     | 0.40 | ng    | # 0.03         |
| 13) Acenaphthene-d10        | 13.991 | 164  | 1338     | 0.40 | ng    | 0.00           |
| 19) Phenanthrene-d10        | 16.775 | 188  | 2767     | 0.40 | ng    | # 0.01         |
| 29) Chrysene-d12            | 20.995 | 240  | 3070     | 0.40 | ng    | # 0.00         |
| 36) Perylene-d12            | 23.078 | 264  | 3327     | 0.40 | ng    | # 0.00         |
| System Monitoring Compounds |        |      |          |      |       |                |
| 4) 2-Fluorophenol           | 4.962  | 112  | 116      | 0.04 | ng    | 0.00           |
| 5) Phenol-d6                | 6.613  | 99   | 43       | 0.02 | ng    | 0.07           |
| 8) Nitrobenzene-d5          | 8.591  | 82   | 176      | 0.09 | ng    | 0.09           |
| 11) 2-Methylnaphthalene-d10 | 11.733 | 152  | 345      | 0.11 | ng    | 0.03           |
| 14) 2,4,6-Tribromophenol    | 15.539 | 330  | 92       | 0.11 | ng    | 0.01           |
| 15) 2-Fluorobiphenyl        | 12.621 | 172  | 568      | 0.10 | ng    | 0.01           |
| 27) Fluoranthene-d10        | 18.821 | 212  | 1458     | 0.16 | ng    | 0.00           |
| 31) Terphenyl-d14           | 19.427 | 244  | 1307     | 0.17 | ng    | 0.00           |
| Target Compounds            |        |      |          |      |       |                |
| 2) 1,4-Dioxane              | 2.917  | 88   | 2680     | 2.26 | ng    | Qvalue<br># 89 |
| -----                       |        |      |          |      |       |                |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122320\  
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Sample : L5123-04DL 2X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
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TT101D-20201211DL

Quant Time: Dec 23 03:14:28 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 22 10:46:43 2020  
Response via : Initial Calibration

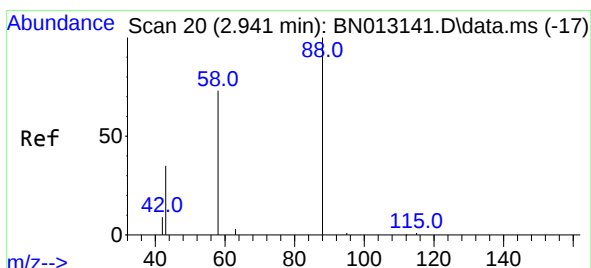
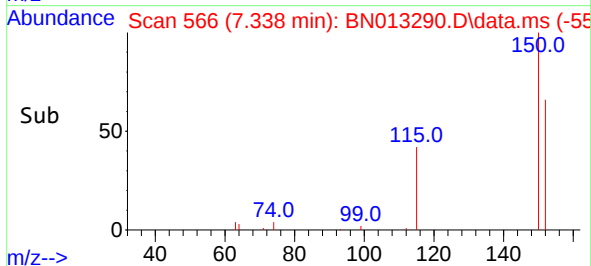
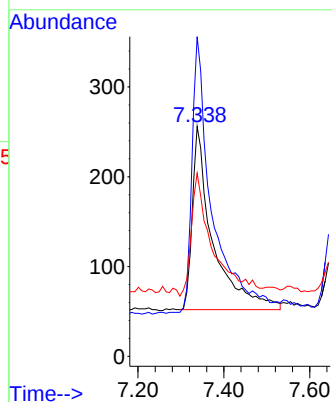
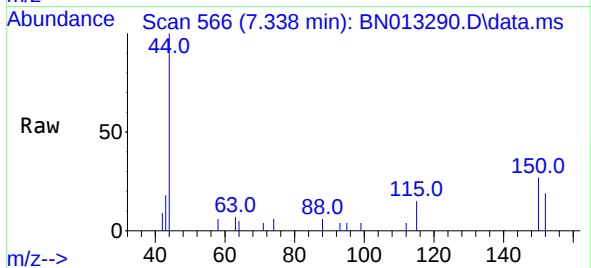




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.338 min Scan# 566  
Delta R.T. 0.008 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

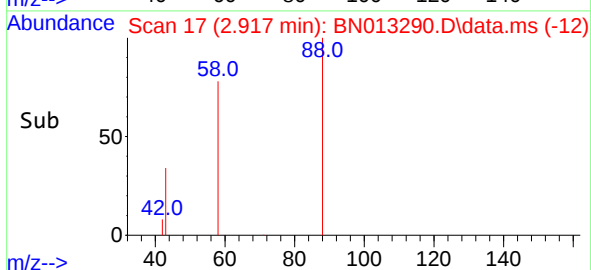
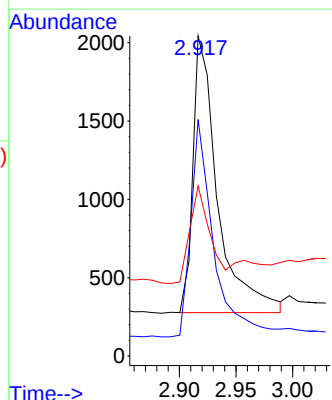
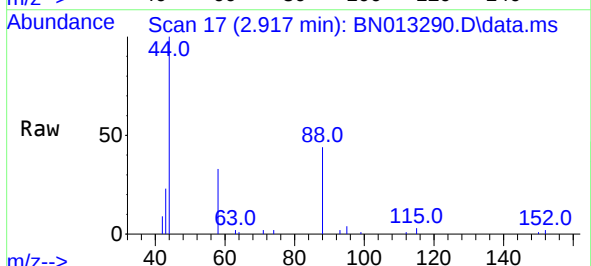
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

Tgt Ion:152 Resp: 679  
Ion Ratio Lower Upper  
152 100  
150 139.1 116.6 174.8  
115 79.7 52.9 79.3#



#2  
1,4-Dioxane  
Concen: 2.26 ng  
RT: 2.917 min Scan# 17  
Delta R.T. -0.008 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion: 88 Resp: 2680  
Ion Ratio Lower Upper  
88 100  
58 80.2 59.4 89.2  
43 28.8 32.3 48.5#

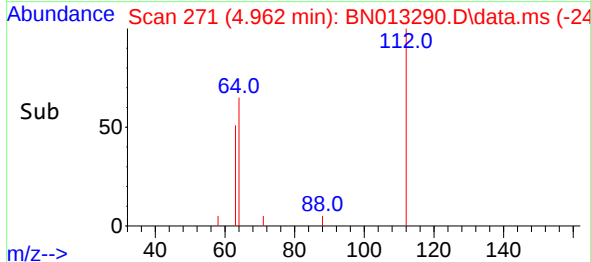
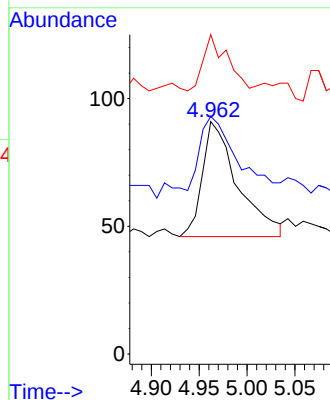
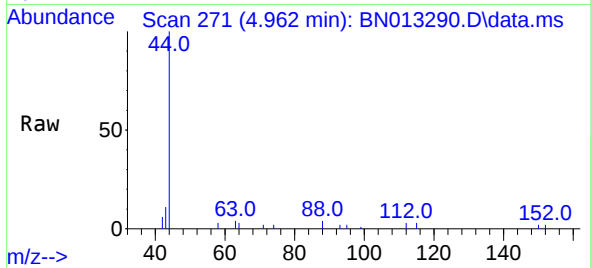




#4  
2-Fluorophenol  
Concen: 0.04 ng  
RT: 4.962 min Scan# 271  
Delta R.T. 0.008 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

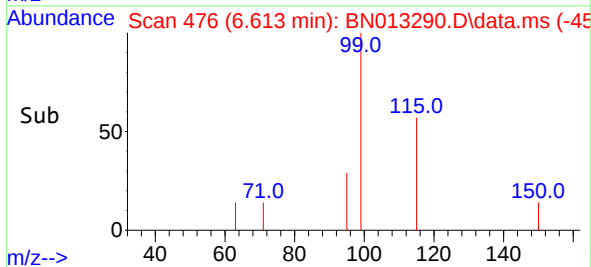
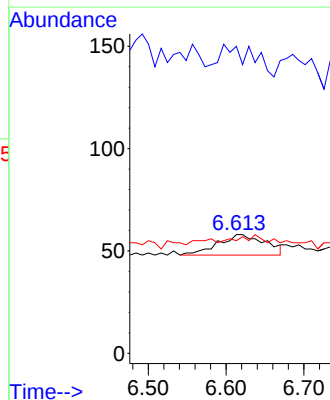
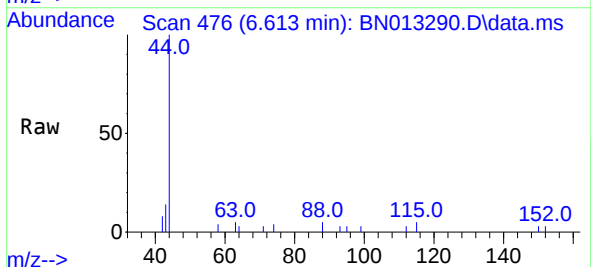
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

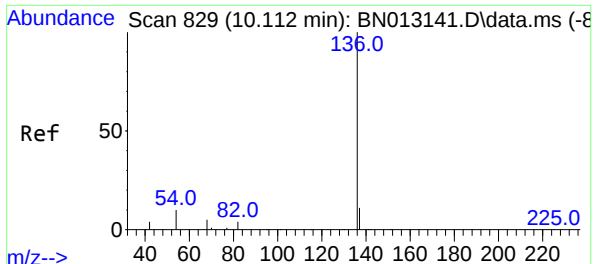
Tgt Ion:112 Resp: 116  
Ion Ratio Lower Upper  
112 100  
64 87.1 49.5 74.3#  
63 33.6 32.0 48.0



#5  
Phenol-d6  
Concen: 0.02 ng  
RT: 6.613 min Scan# 476  
Delta R.T. 0.072 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion: 99 Resp: 43  
Ion Ratio Lower Upper  
99 100  
42 30.2 22.4 33.6  
71 0.0 37.8 56.6#



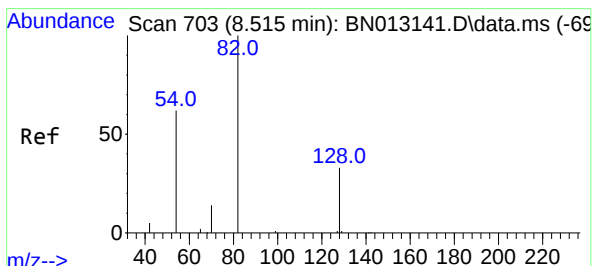
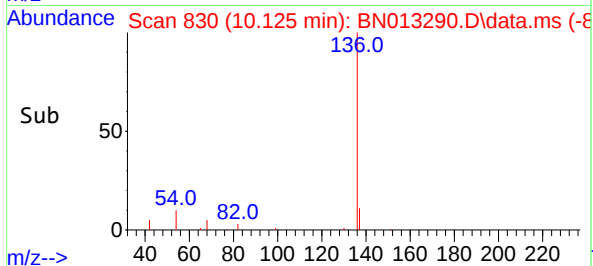
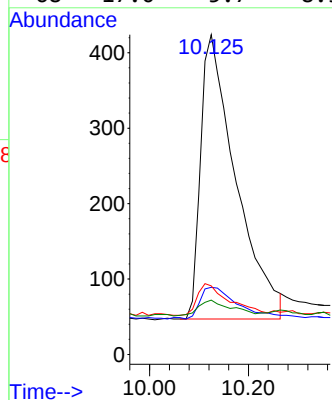
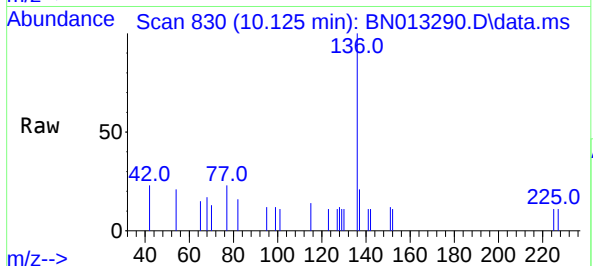


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.125 min Scan# 830  
Delta R.T. 0.025 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

Tgt Ion: 136 Resp: 1862

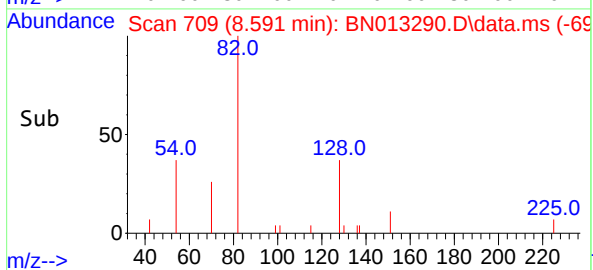
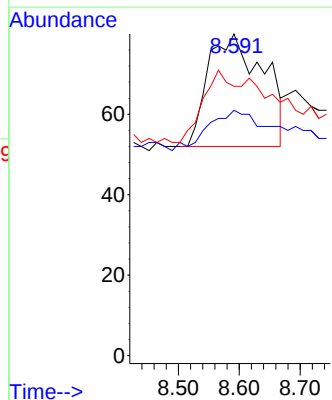
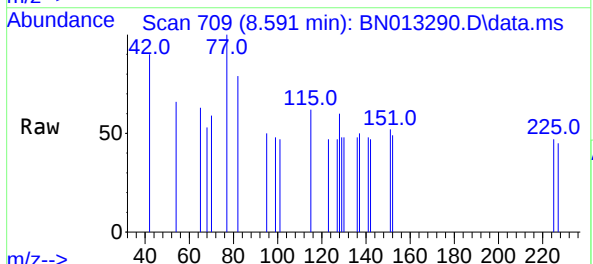
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 21.0  | 10.6  | 15.8# |
| 54  | 21.5  | 8.6   | 12.8# |
| 68  | 17.0  | 5.7   | 8.5#  |

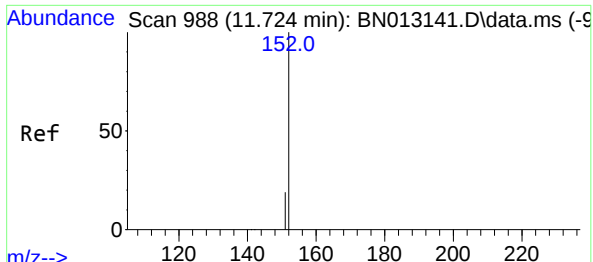


#8  
Nitrobenzene-d5  
Concen: 0.09 ng  
RT: 8.591 min Scan# 709  
Delta R.T. 0.089 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion: 82 Resp: 176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 76.3  | 30.6  | 46.0# |
| 54  | 83.8  | 48.3  | 72.5# |

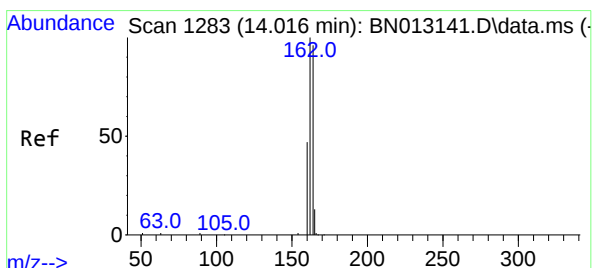
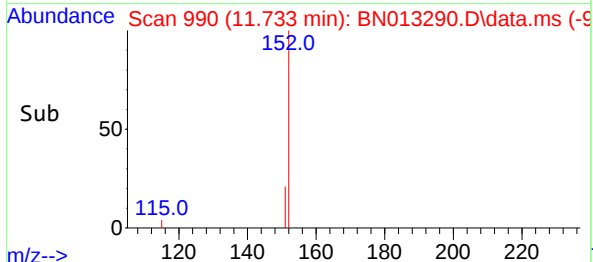
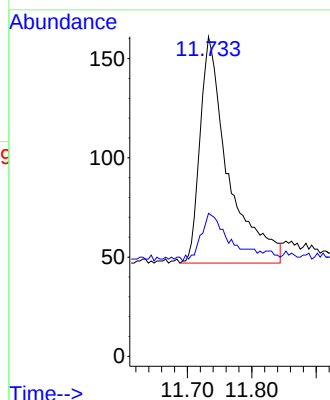
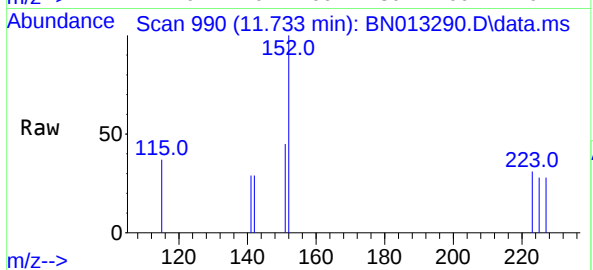




#11  
2-Methylnaphthalene-d10  
Concen: 0.11 ng  
RT: 11.733 min Scan# 990  
Delta R.T. 0.027 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

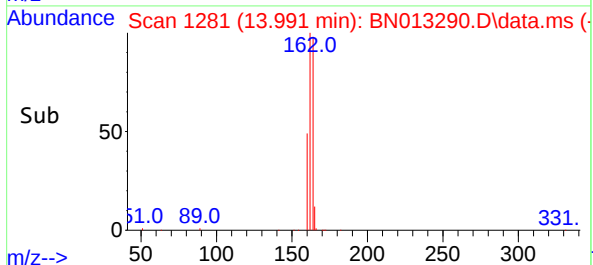
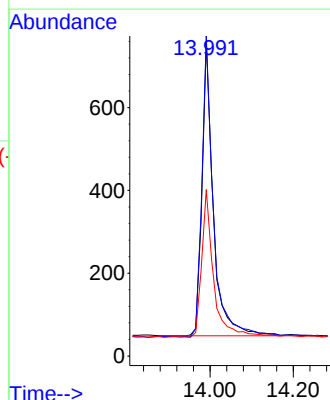
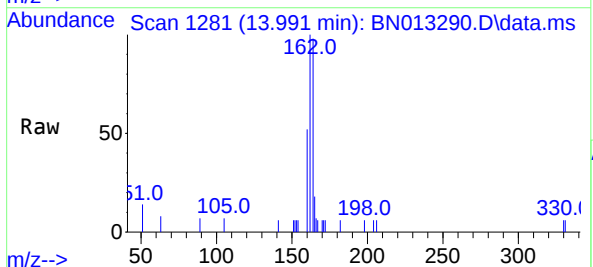
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

Tgt Ion:152 Resp: 345  
Ion Ratio Lower Upper  
152 100  
151 18.8 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 13.991 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion:164 Resp: 1338  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.6 120.8  
160 53.0 39.5 59.3

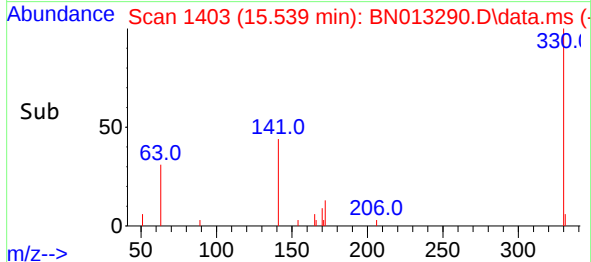
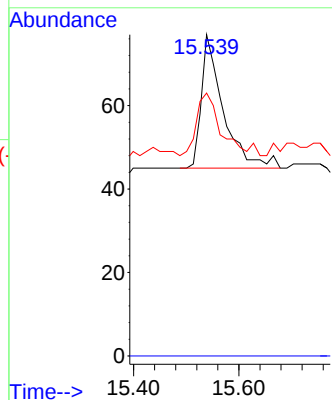
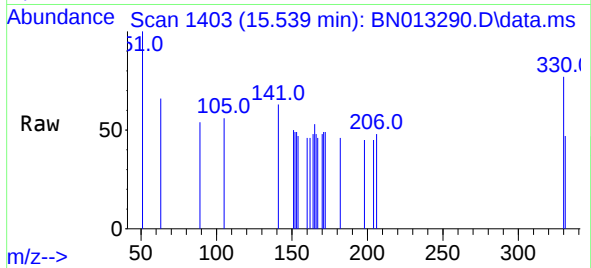




#14  
2,4,6-Tribromophenol  
Concen: 0.11 ng  
RT: 15.539 min Scan# 1403  
Delta R.T. 0.013 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

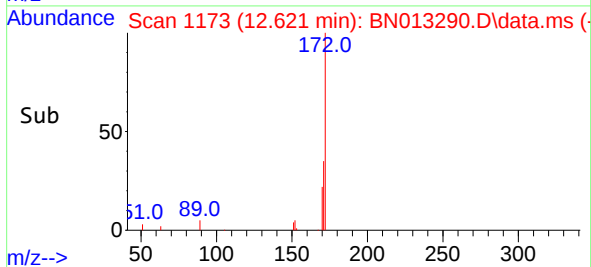
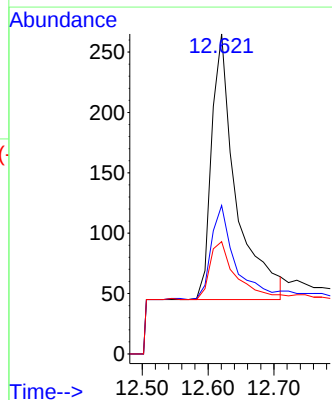
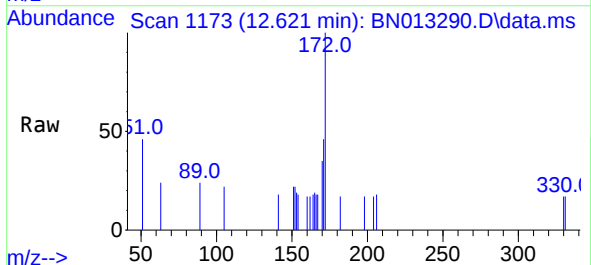
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

Tgt Ion:330 Resp: 92  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 53.3 34.4 51.6#



#15  
2-Fluorobiphenyl  
Concen: 0.10 ng  
RT: 12.621 min Scan# 1173  
Delta R.T. 0.013 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion:172 Resp: 568  
Ion Ratio Lower Upper  
172 100  
171 46.4 28.2 42.4#  
170 35.1 20.0 30.0#

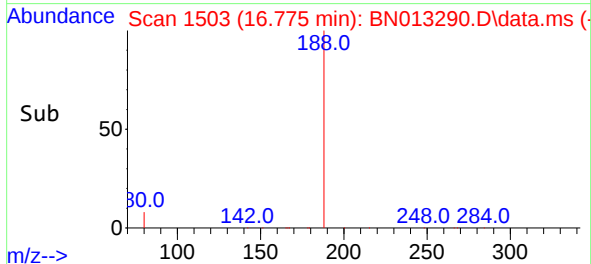
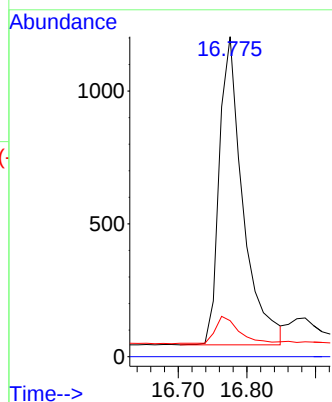
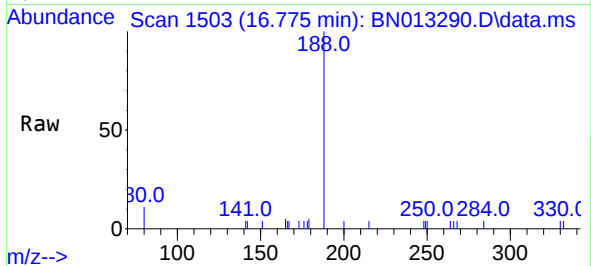




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.775 min Scan# 1503  
Delta R.T. 0.012 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

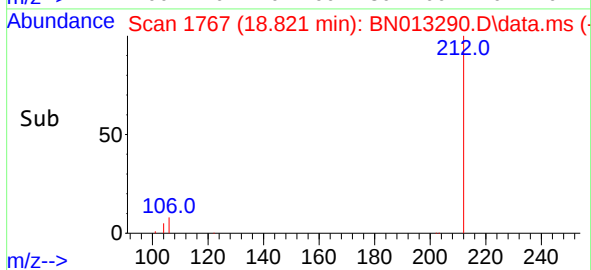
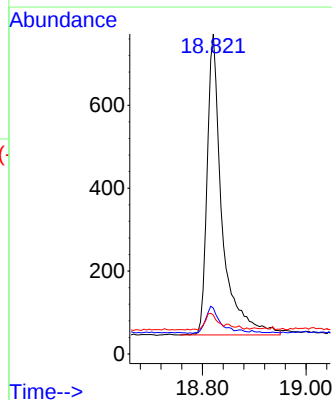
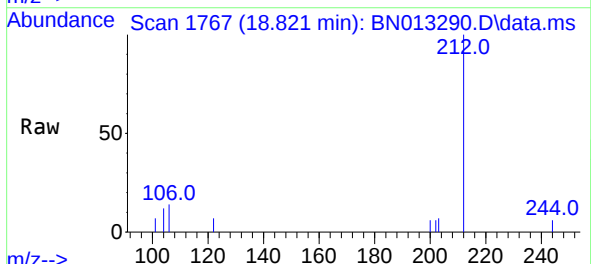
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 2767  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 11.3  | 5.0   | 7.4#  |



#27  
Fluoranthene-d10  
Concen: 0.16 ng  
RT: 18.821 min Scan# 1767  
Delta R.T. 0.005 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 1458  |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 8.4   | 6.8   | 10.2  |
| 104      | 4.6   | 4.1   | 6.1   |

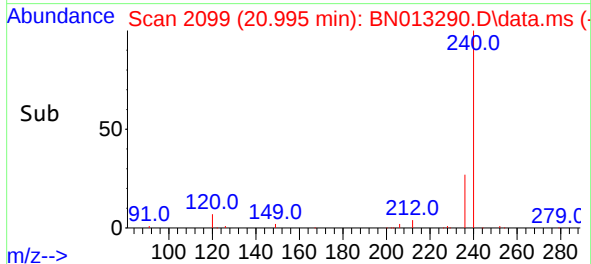
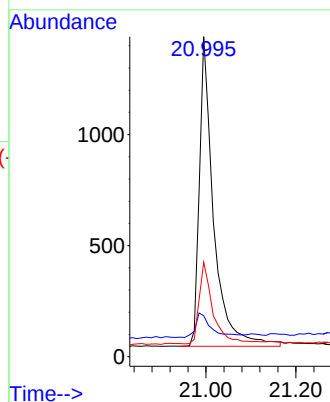
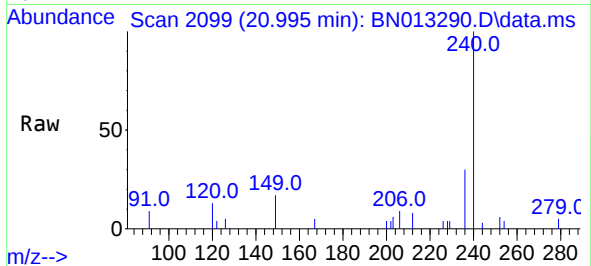




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 20.995 min Scan# 2099  
Delta R.T. -0.000 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

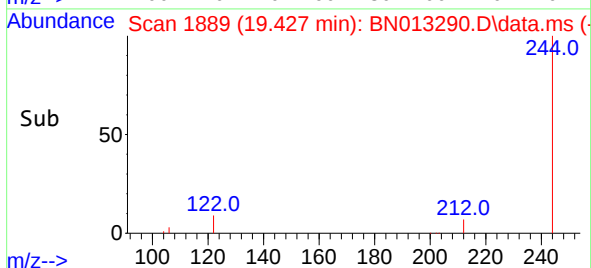
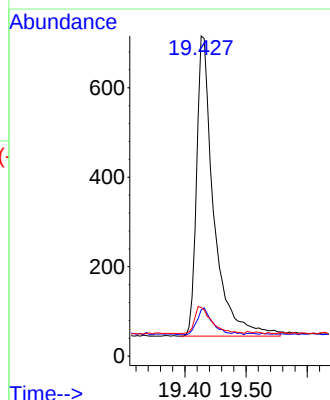
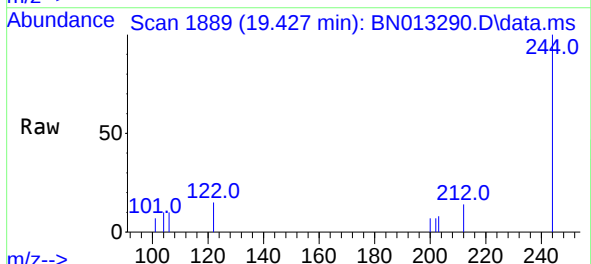
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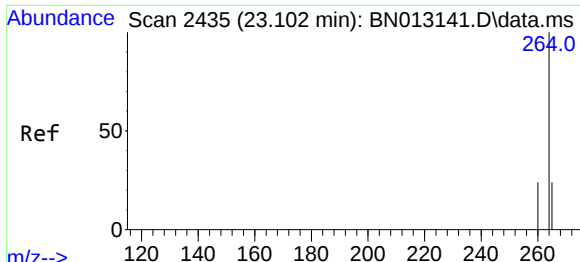
Tgt Ion:240 Resp: 3070  
Ion Ratio Lower Upper  
240 100  
120 12.8 5.3 7.9#  
236 29.6 21.8 32.8



#31  
Terphenyl-d14  
Concen: 0.17 ng  
RT: 19.427 min Scan# 1889  
Delta R.T. -0.005 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Tgt Ion:244 Resp: 1307  
Ion Ratio Lower Upper  
244 100  
212 14.4 7.3 10.9#  
122 15.2 7.3 10.9#





#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.078 min Scan# 2428  
Delta R.T. -0.007 min  
Lab File: BN013290.D  
Acq: 23 Dec 2020 02:38

Instrument :  
BNA\_N  
ClientSampleId :  
TT101D-20201211DL

Tgt Ion:264 Resp: 3327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.4  | 19.8  | 29.6  |
| 265 | 79.1  | 51.4  | 77.0# |

