

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082521\  
 Data File : BN016032.D  
 Acq On : 24 Aug 2021 15:19  
 Operator : CG/JU  
 Sample : PB138470BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB138470BL

Quant Time: Aug 24 15:50:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 14:26:02 2021  
 Response via : Initial Calibration

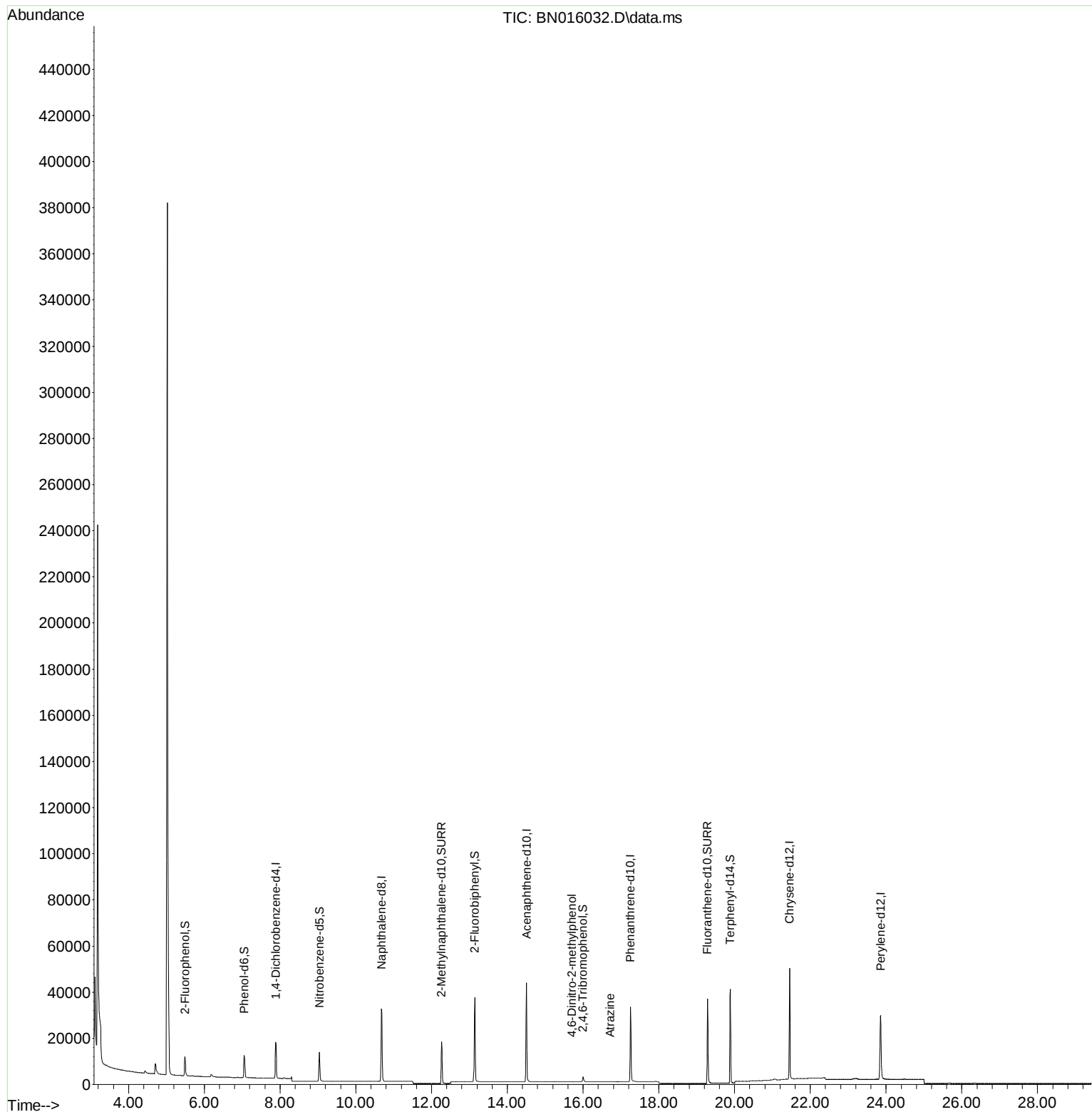
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.891  | 152  | 8870     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.685 | 136  | 48759    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.509 | 164  | 26000    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.248 | 188  | 48966    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.450 | 240  | 47140    | 0.400 | ng    | 0.01     |
| 35) Perylene-d12              | 23.854 | 264  | 43173    | 0.400 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.494  | 112  | 7852     | 0.370 | ng    | 0.04     |
| 5) Phenol-d6                  | 7.061  | 99   | 10198    | 0.344 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.038  | 82   | 11814    | 0.369 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.265 | 152  | 26274    | 0.357 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.994 | 330  | 2039     | 0.276 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.139 | 172  | 35736    | 0.341 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.286 | 212  | 46420    | 0.336 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.887 | 244  | 46171    | 0.399 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 2        | 0.108 | ng    | Qvalue   |
| 23) Atrazine                  | 16.713 | 200  | 12       | 0.147 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

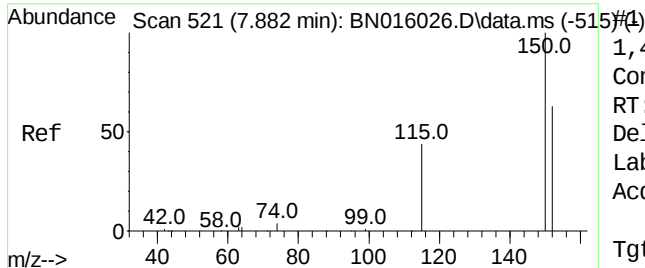
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082521\  
Data File : BN016032.D  
Acq On : 24 Aug 2021 15:19  
Operator : CG/JU  
Sample : PB138470BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL

Quant Time: Aug 24 15:50:30 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 14:26:02 2021  
Response via : Initial Calibration

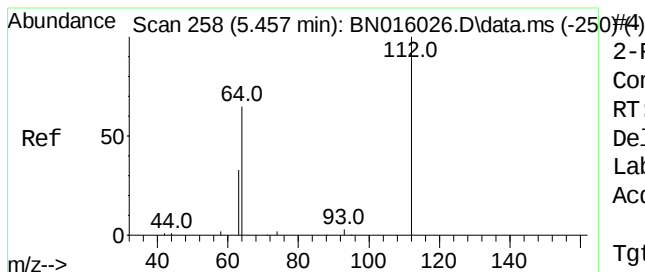
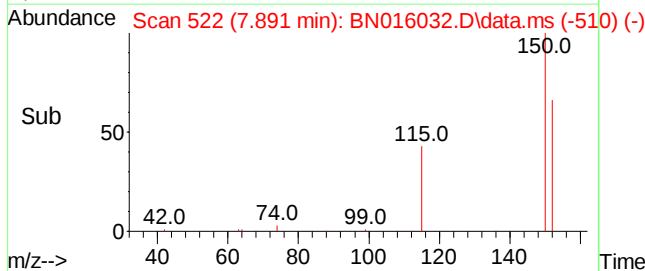
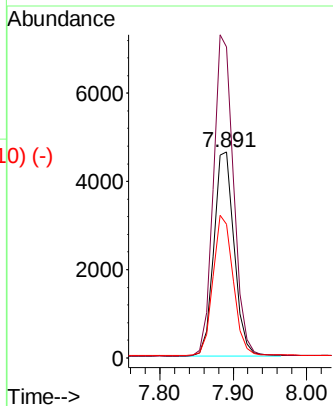
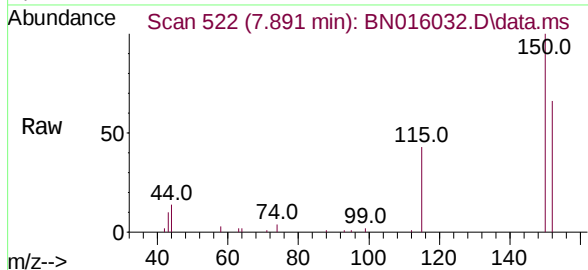




1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.891 min Scan# 522  
Delta R.T. 0.009 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

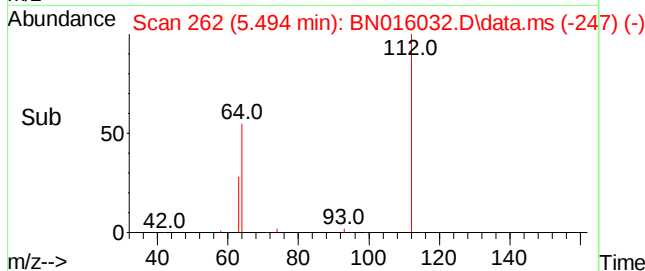
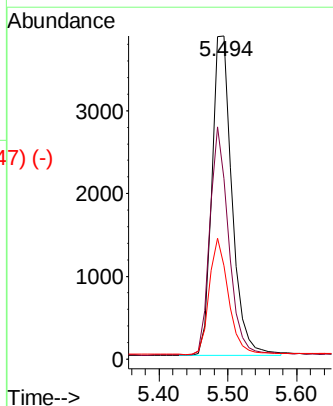
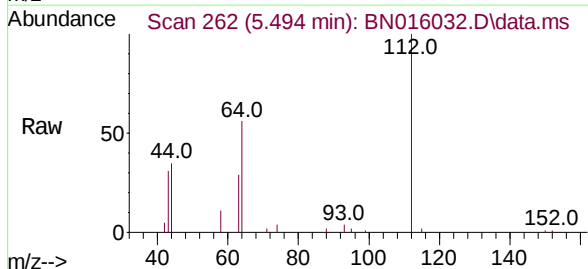
Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL

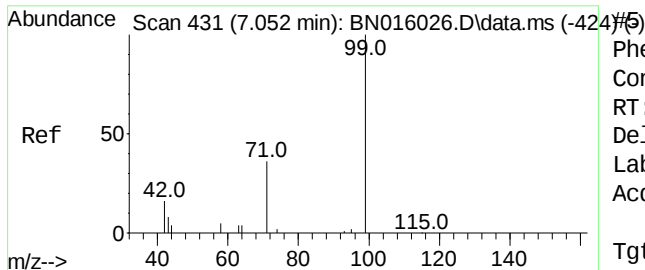
Tgt Ion:152 Resp: 8870  
Ion Ratio Lower Upper  
152 100  
150 151.2 126.5 189.7  
115 65.1 56.5 84.7



2-Fluorophenol  
Concen: 0.370 ng  
RT: 5.494 min Scan# 262  
Delta R.T. 0.037 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

Tgt Ion:112 Resp: 7852  
Ion Ratio Lower Upper  
112 100  
64 66.5 52.5 78.7  
63 34.6 26.9 40.3

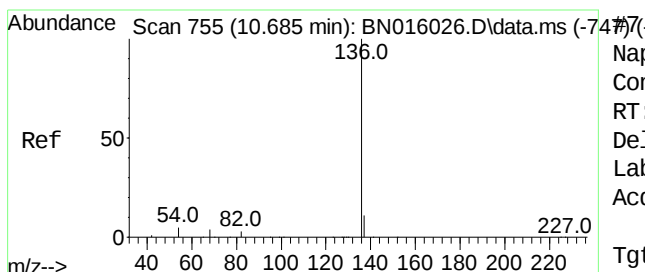
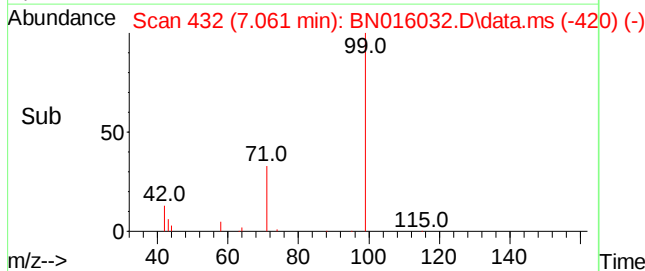
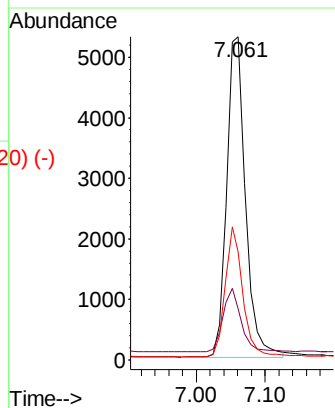
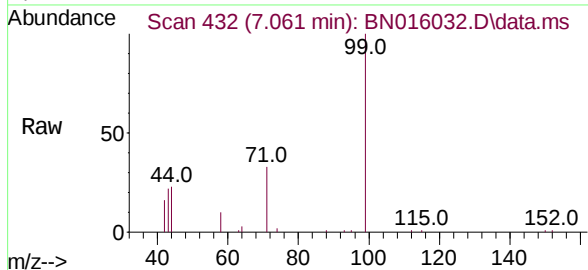




Phenol-d6  
 Concen: 0.344 ng  
 RT: 7.061 min Scan# 432  
 Delta R.T. 0.009 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

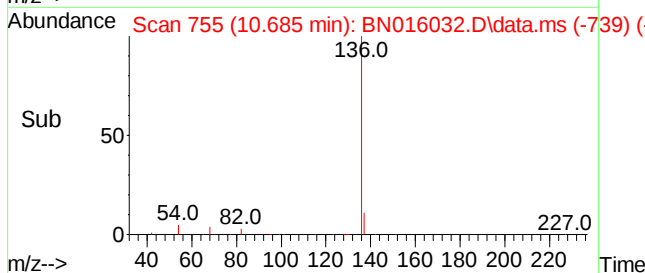
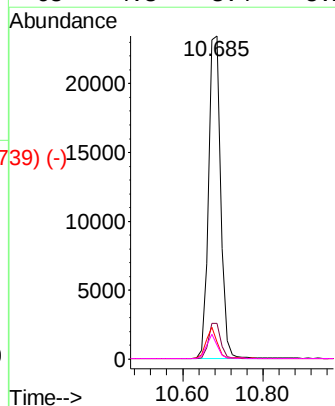
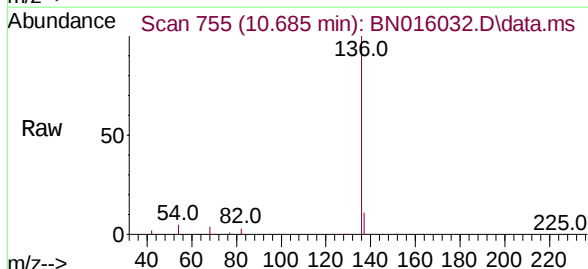
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB138470BL

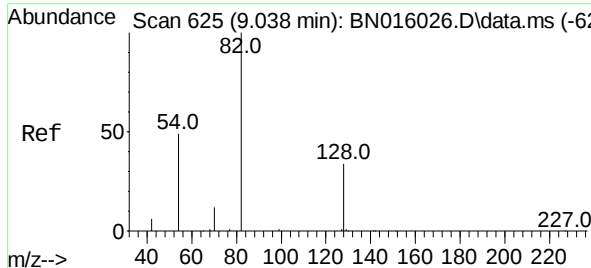
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 10198 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.0  | 15.6  | 23.4  |
| 71       | 37.9  | 29.8  | 44.8  |



Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.685 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 48759 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.9   | 13.3  |
| 54       | 5.4   | 4.2   | 6.4   |
| 68       | 4.3   | 3.4   | 5.2   |

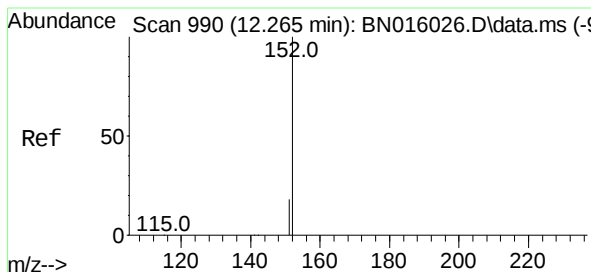
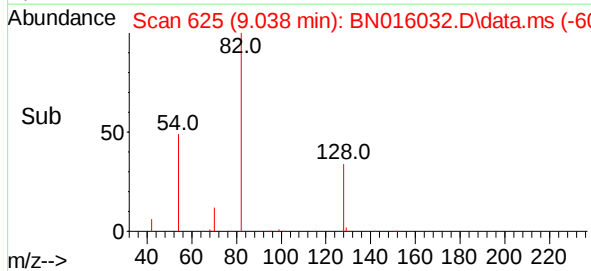
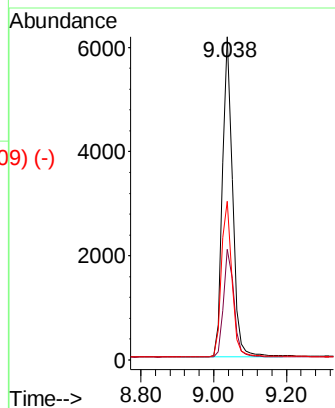
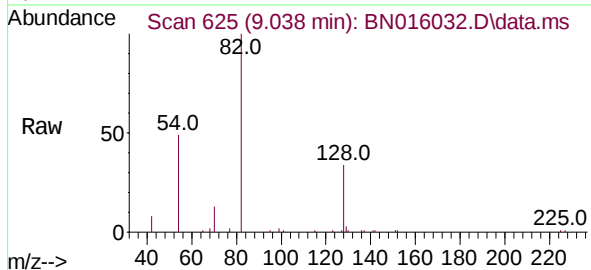




Nitrobenzene-d5  
 Concen: 0.369 ng  
 RT: 9.038 min Scan# 625  
 Delta R.T. -0.000 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

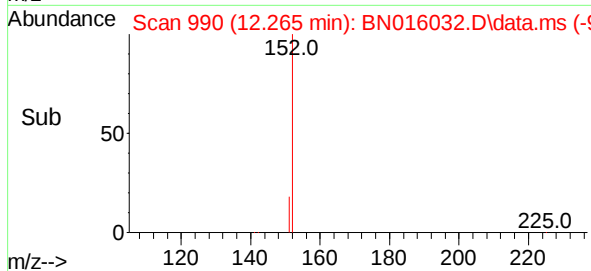
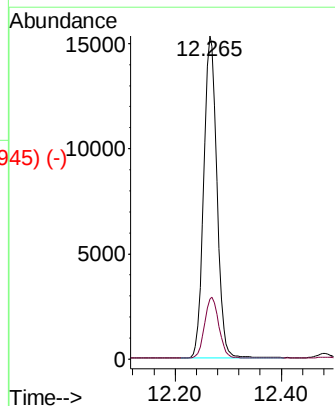
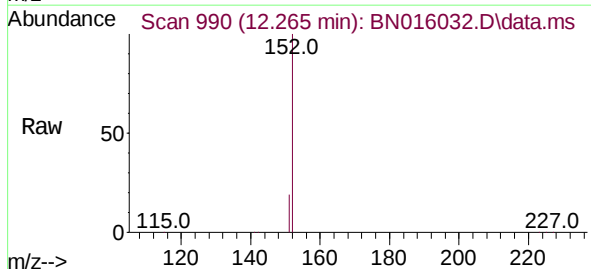
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB138470BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 11814 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.2  | 27.7  | 41.5  |
| 54       | 49.0  | 39.4  | 59.2  |



2-Methylnaphthalene-d10  
 Concen: 0.357 ng  
 RT: 12.265 min Scan# 990  
 Delta R.T. -0.000 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

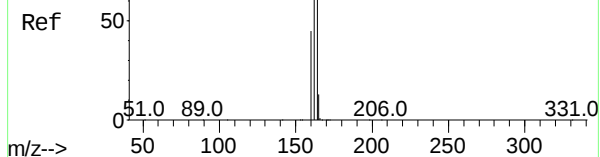
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 26274 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.6  | 16.6  | 24.8  |



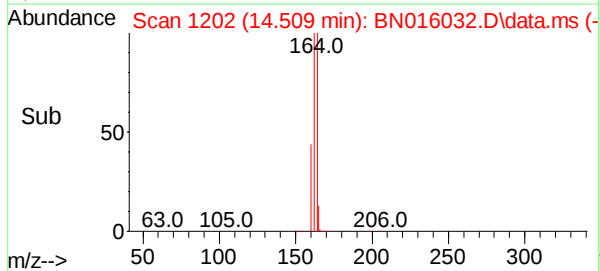
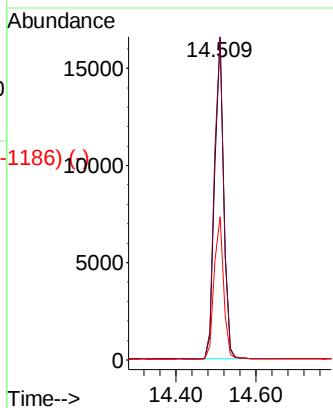
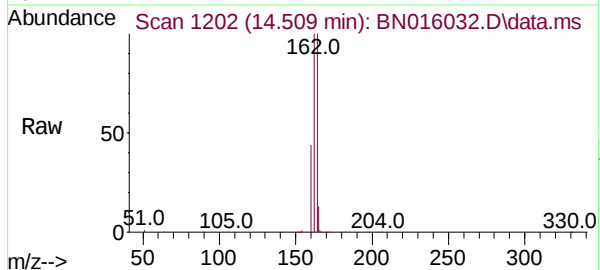
Abundance Scan 1202 (14.509 min): BN016026.D\data.ms (-1196) (-)

Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.509 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL

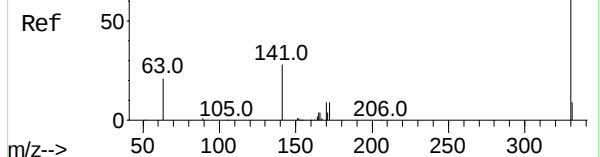


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 26000 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 100.2 | 80.2  | 120.4 |
| 160       | 44.5  | 35.9  | 53.9  |

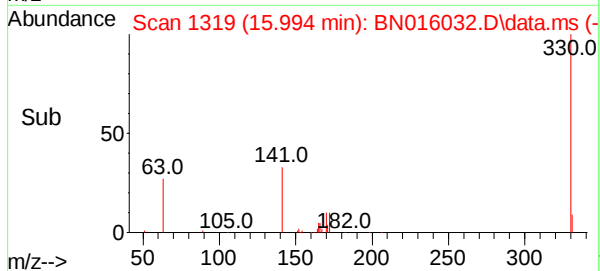
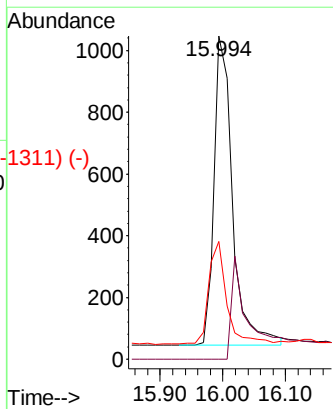
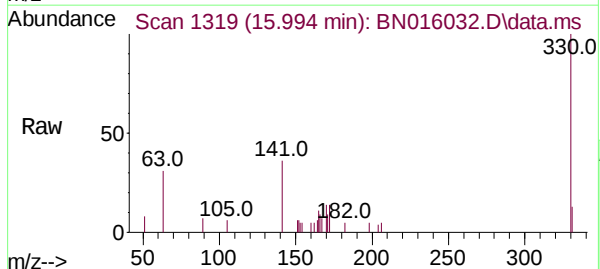


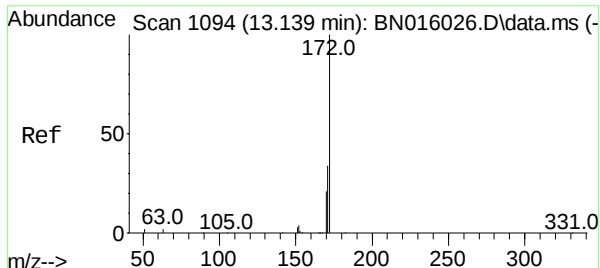
Abundance Scan 1319 (15.994 min): BN016026.D\data.ms (-1311) (-)

2,4,6-Tribromophenol  
Concen: 0.276 ng  
RT: 15.994 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 330   | Resp: | 2039 |
| Ion Ratio | Lower | Upper |      |
| 330       | 100   |       |      |
| 332       | 0.0   | 0.0   | 0.0  |
| 141       | 31.9  | 24.6  | 36.8 |

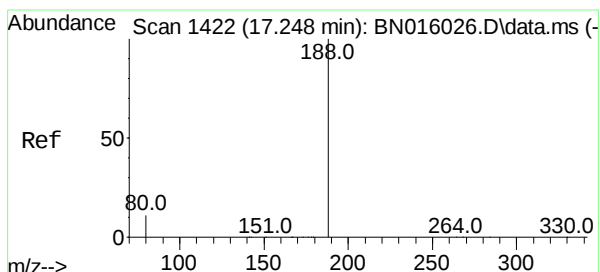
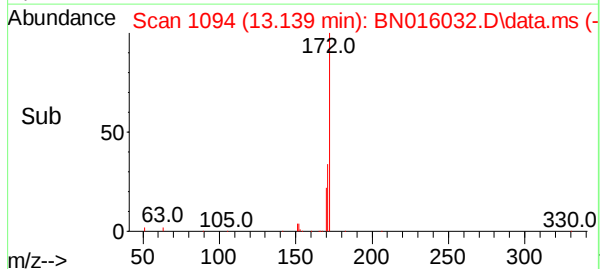
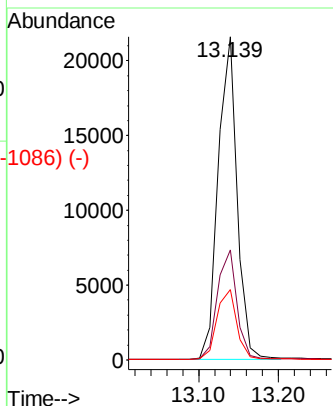
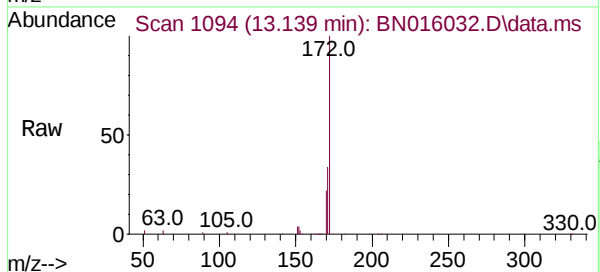




2-Fluorobiphenyl  
 Concen: 0.341 ng  
 RT: 13.139 min Scan# 1094  
 Delta R.T. -0.000 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

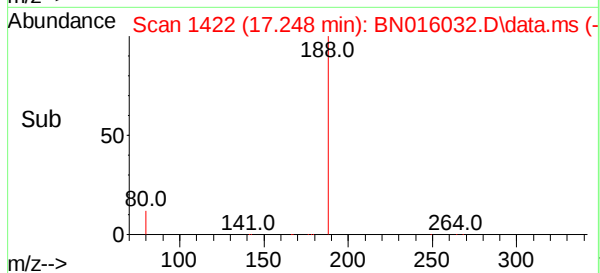
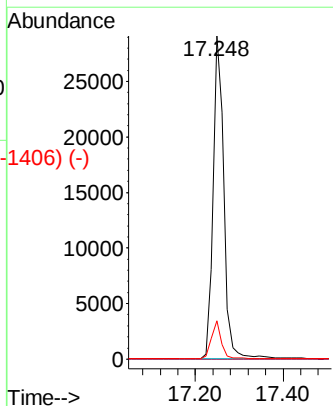
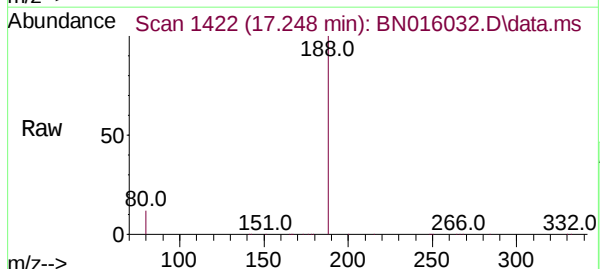
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB138470BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 35736 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.1  | 27.1  | 40.7  |
| 170      | 21.8  | 17.3  | 25.9  |



Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.248 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: BN016032.D  
 Acq: 24 Aug 2021 15:19

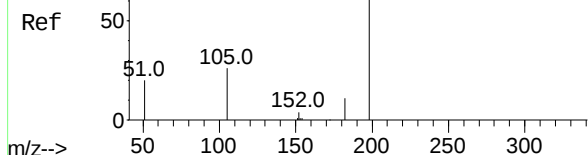
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 48966 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 11.8  | 9.0   | 13.6  |



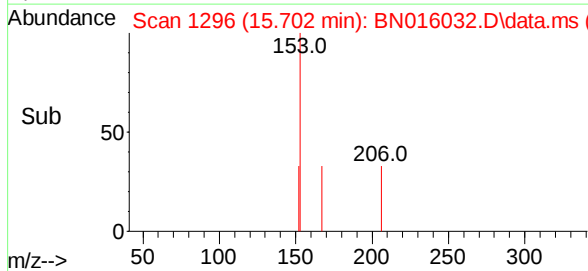
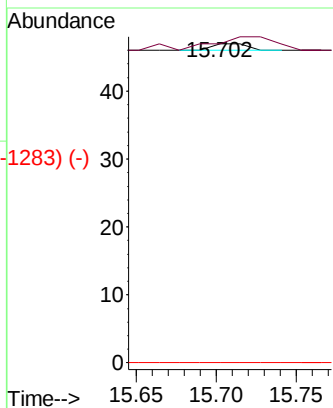
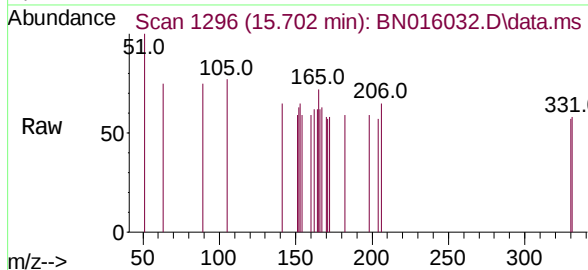
Abundance Scan 1291 (15.639 min): BN016026.D\data.ms (-1289) (-)

4,6-Dinitro-2-methylphenol  
Concen: 0.108 ng  
RT: 15.702 min Scan# 1296  
Delta R.T. 0.063 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL



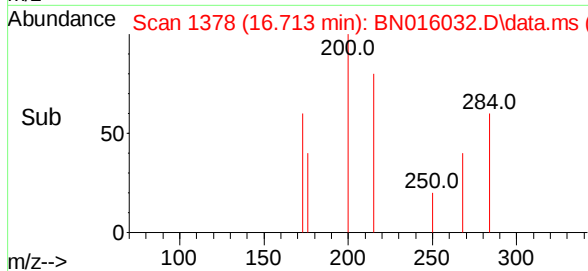
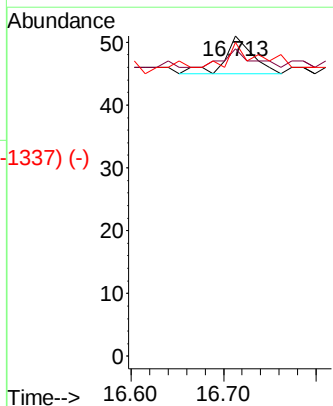
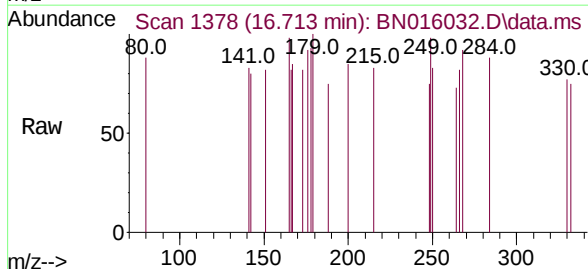
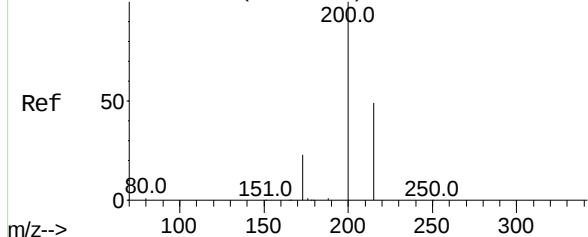
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 2     |
| Ion Ratio | 100   | Lower | Upper |
| 182       | 100.0 | 16.8  | 25.2# |
| 77        | 0.0   | 0.0   | 0.0   |



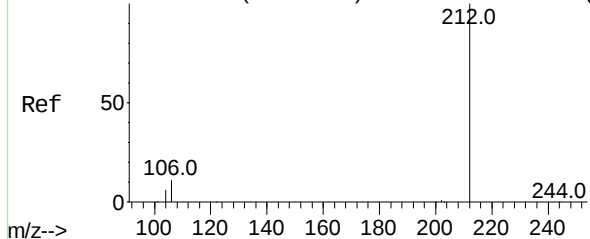
Abundance Scan 1378 (16.713 min): BN016026.D\data.ms (-1373) (-)

Atrazine  
Concen: 0.147 ng  
RT: 16.713 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 200  | Resp: | 12    |
| Ion Ratio | 100  | Lower | Upper |
| 173       | 96.1 | 19.7  | 29.5# |
| 215       | 98.0 | 39.5  | 59.3# |



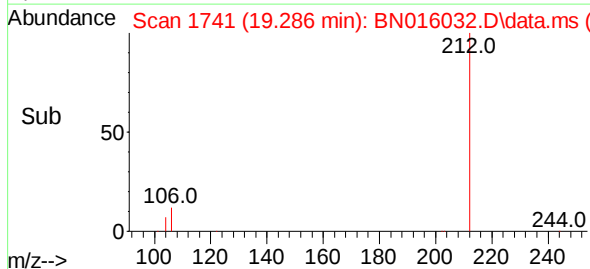
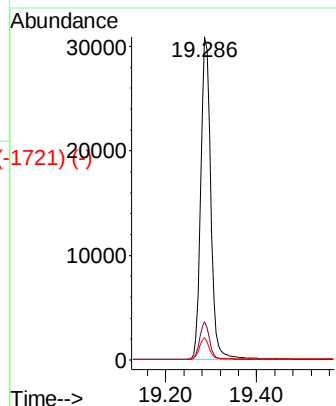
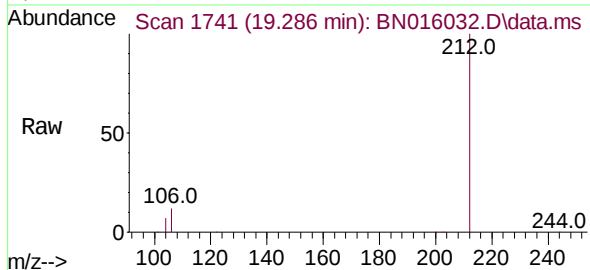
Abundance Scan 1741 (19.286 min): BN016026.D\data.ms (-1727) (-)



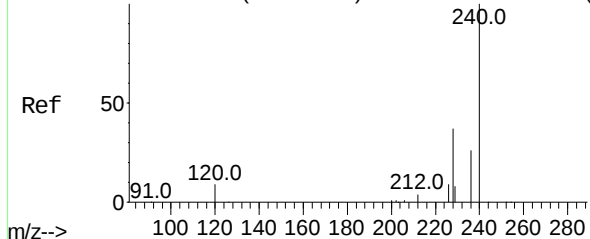
Fluoranthene-d10  
Concen: 0.336 ng  
RT: 19.286 min Scan# 1741  
Delta R.T. -0.000 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 46420 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 11.4  | 9.4   | 14.2  |
| 104       | 6.5   | 5.4   | 8.0   |

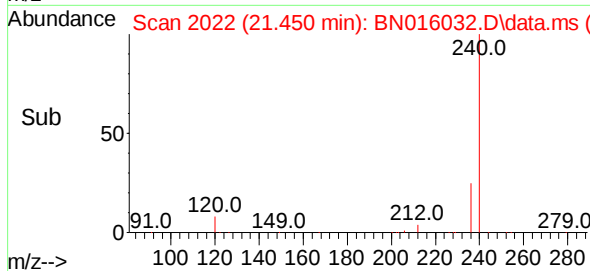
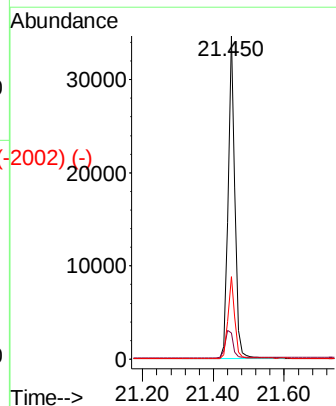
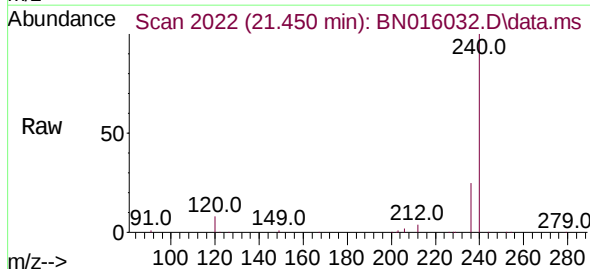


Abundance Scan 2021 (21.440 min): BN016026.D\data.ms (-2029) (-)



Chrysene-d12  
Concen: 0.400 ng  
RT: 21.450 min Scan# 2022  
Delta R.T. 0.010 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

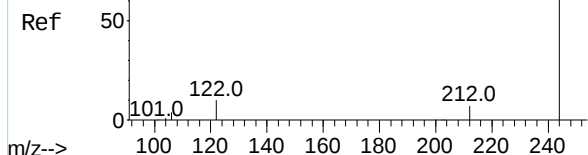
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 47140 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 8.1   | 7.8   | 11.6  |
| 236       | 25.4  | 21.0  | 31.6  |



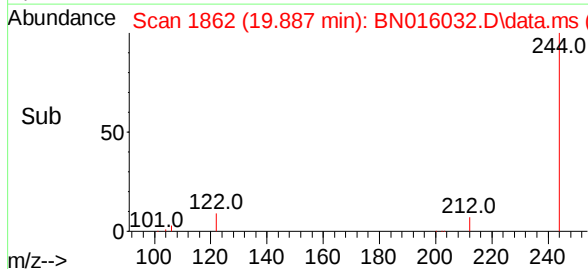
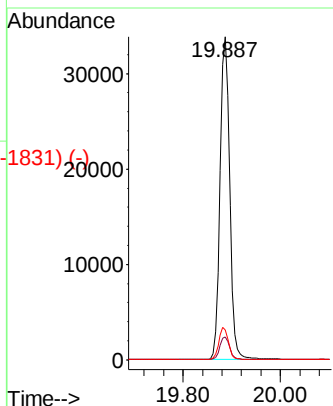
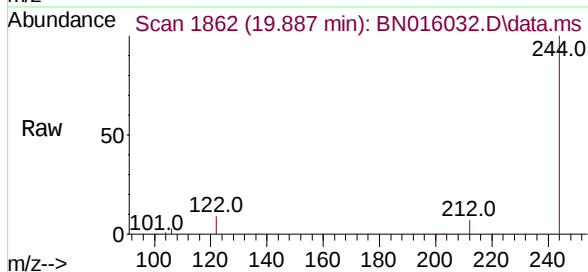
Abundance Scan 1861 (19.882 min): BN016026.D\data.ms (-1831) (-)

Terphenyl-d14  
Concen: 0.399 ng  
RT: 19.887 min Scan# 1862  
Delta R.T. 0.005 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB138470BL

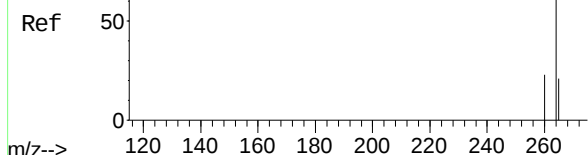


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 46171 |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 7.1   | 6.0   | 9.0   |
| 122      | 9.4   | 8.5   | 12.7  |



Abundance Scan 2531 (23.840 min): BN016026.D\data.ms (-2487) (-)

Perylene-d12  
Concen: 0.400 ng  
RT: 23.854 min Scan# 2535  
Delta R.T. 0.014 min  
Lab File: BN016032.D  
Acq: 24 Aug 2021 15:19



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 43173 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 23.7  | 19.0  | 28.4  |
| 265      | 27.9  | 22.7  | 34.1  |

