

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
 Data File : BN015618.D  
 Acq On : 20 Jul 2021 10:42  
 Operator : CG/JU  
 Sample : PB137773BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137773BL

Quant Time: Jul 20 11:25:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 11:13:03 2021  
 Response via : Initial Calibration

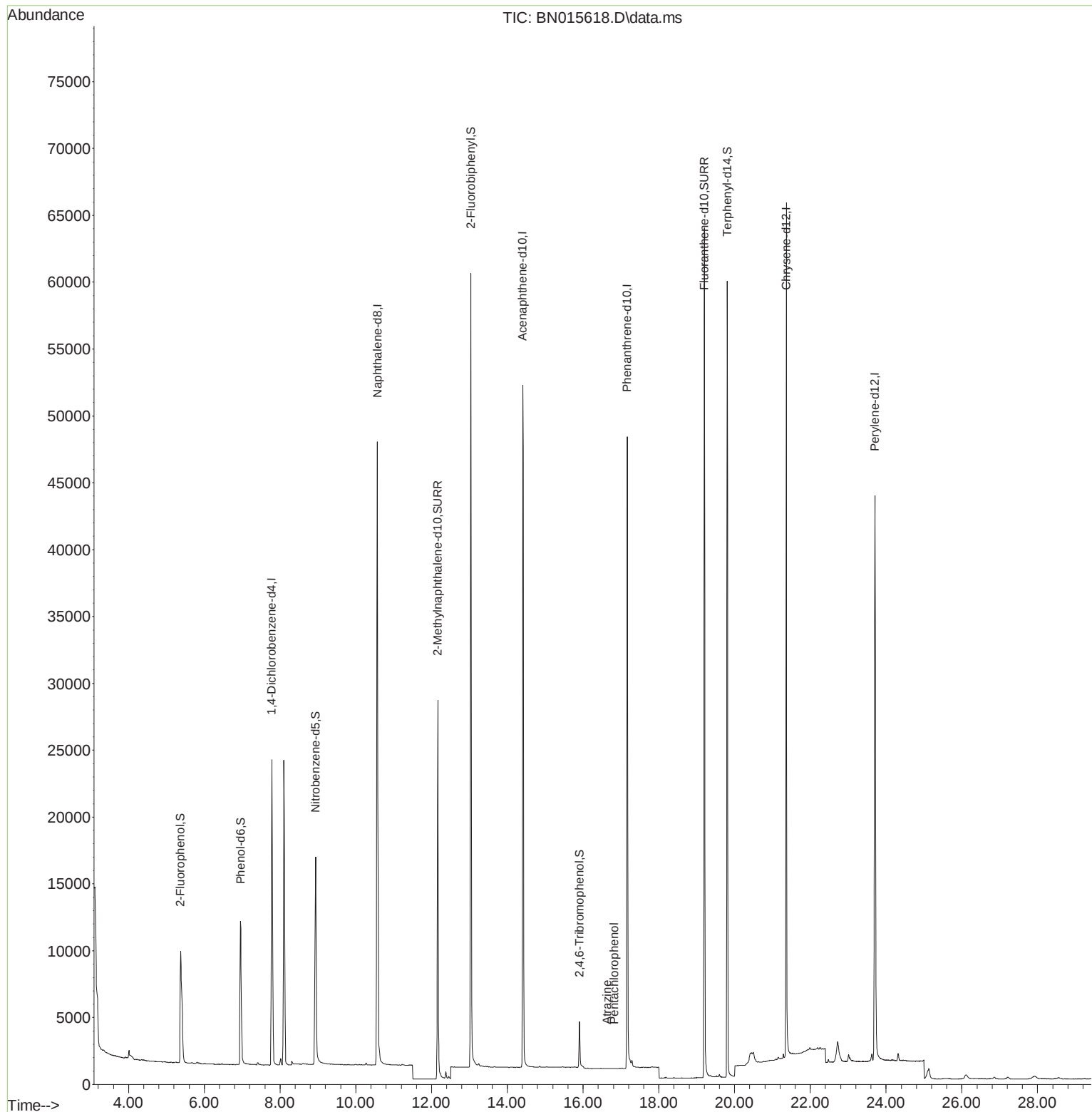
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 15324    | 0.400     | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.571 | 136  | 67472    | 0.400     | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.408 | 164  | 34360    | 0.400     | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.164 | 188  | 63468    | 0.400     | ng    | 0.00     |
| 29) Chrysene-d12              | 21.365 | 240  | 59200    | 0.400     | ng    | # 0.00   |
| 35) Perylene-d12              | 23.707 | 264  | 59612    | 0.400     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.374  | 112  | 14314    | 0.326     | ng    | 0.00     |
| 5) Phenol-d6                  | 6.960  | 99   | 15460    | 0.296     | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.937  | 82   | 15712    | 0.324     | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.163 | 152  | 40441    | 0.364     | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 2880     | 0.299     | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 52696    | 0.380     | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.202 | 212  | 72997    | 0.381     | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.808 | 244  | 58643    | 0.418     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.550 | 198  | 3        | Below Cal | #     | 14       |
| 23) Atrazine                  | 16.628 | 200  | 4        | 0.096 ng  | #     | 11       |
| 24) Pentachlorophenol         | 16.823 | 266  | 4        | 0.281 ng  | #     | 18       |
| -----                         |        |      |          |           |       |          |

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

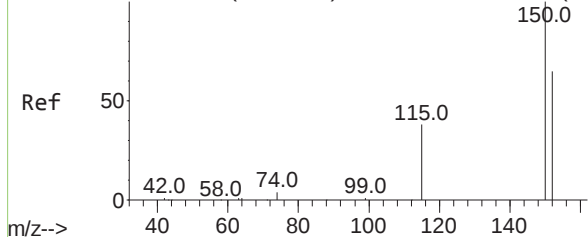
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
Data File : BN015618.D  
Acq On : 20 Jul 2021 10:42  
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Quant Time: Jul 20 11:25:33 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
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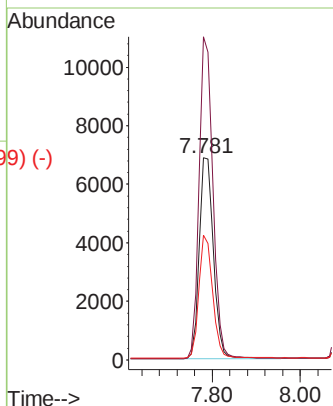
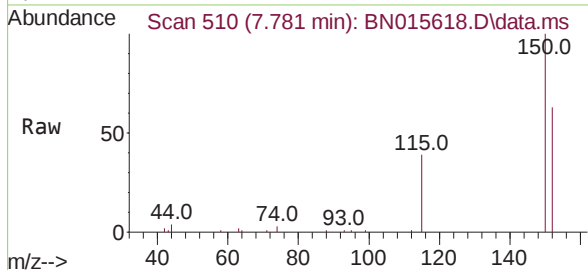
Abundance Scan 513 (7.808 min): BN015575.D\data.ms (-506) #4



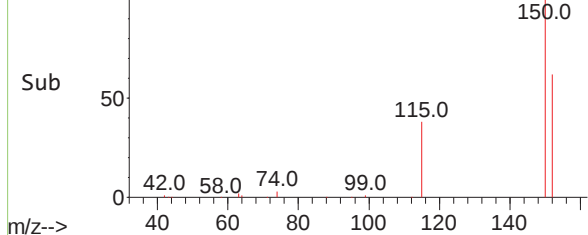
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.781 min Scan# 510  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

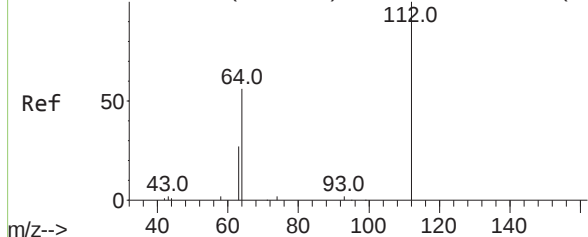
Tgt Ion:152 Resp: 15324  
Ion Ratio Lower Upper  
152 100  
150 159.6 119.0 178.6  
115 61.6 62.2 93.4#



Abundance Scan 510 (7.781 min): BN015618.D\data.ms (-499) (-)

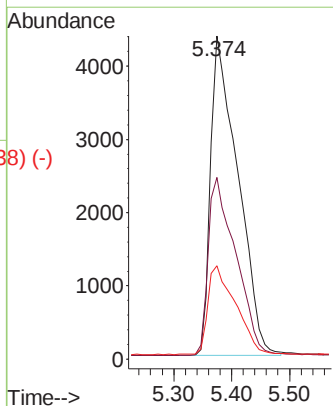
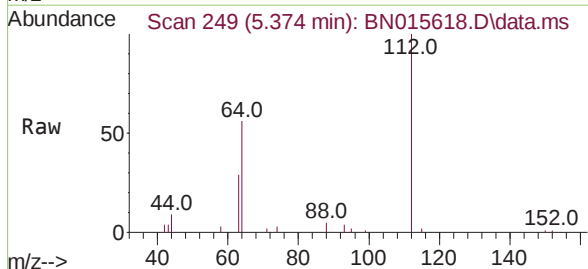


Abundance Scan 251 (5.393 min): BN015575.D\data.ms (-244) #4

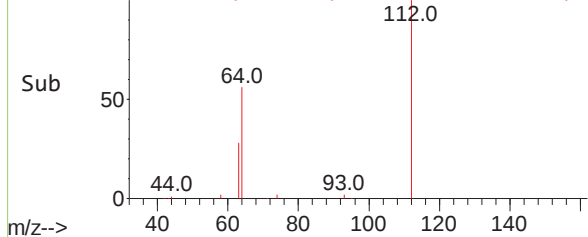


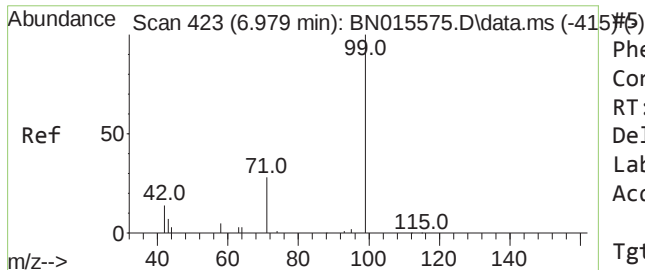
2-Fluorophenol  
Concen: 0.326 ng  
RT: 5.374 min Scan# 249  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Tgt Ion:112 Resp: 14314  
Ion Ratio Lower Upper  
112 100  
64 56.2 39.0 58.6  
63 28.1 20.6 30.8



Abundance Scan 249 (5.374 min): BN015618.D\data.ms (-238) (-)

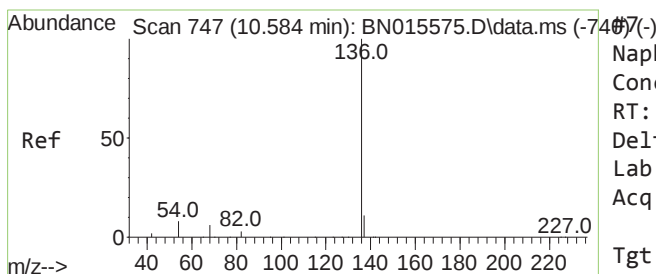
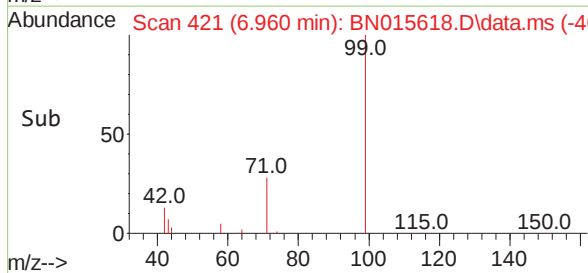
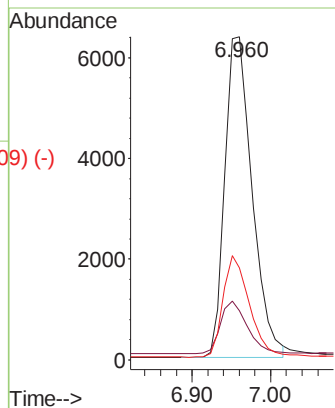
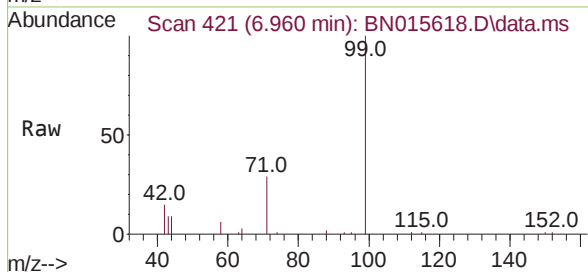




Phenol-d6  
 Concen: 0.296 ng  
 RT: 6.960 min Scan# 421  
 Delta R.T. 0.009 min  
 Lab File: BN015618.D  
 Acq: 20 Jul 2021 10:42

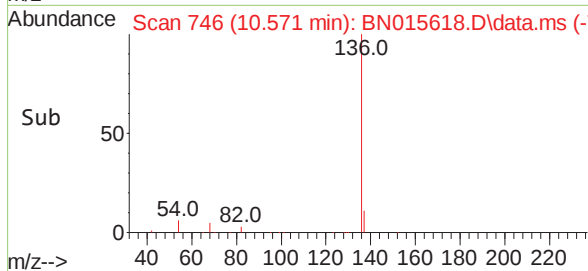
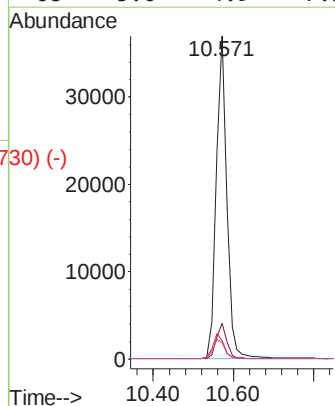
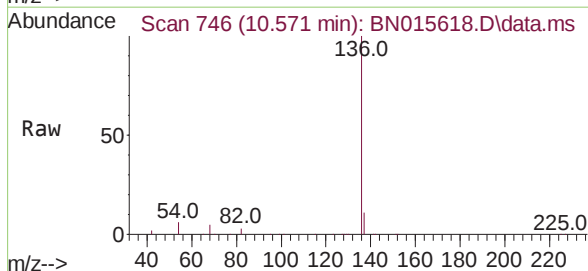
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137773BL

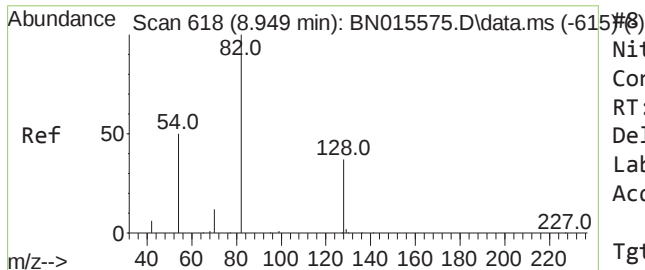
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 15460 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 15.9  | 8.9   | 13.3# |
| 71       | 30.2  | 35.6  | 53.4# |



Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.571 min Scan# 746  
 Delta R.T. -0.000 min  
 Lab File: BN015618.D  
 Acq: 20 Jul 2021 10:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 67472 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 9.8   | 14.8  |
| 54       | 5.7   | 5.4   | 8.2   |
| 68       | 5.0   | 4.9   | 7.3   |

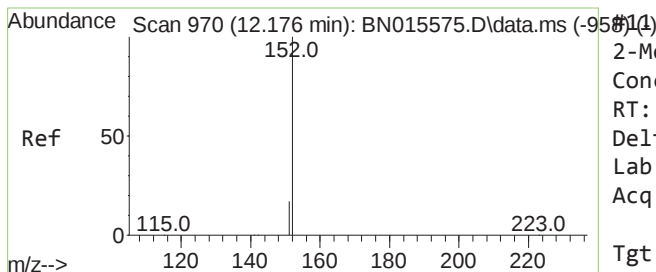
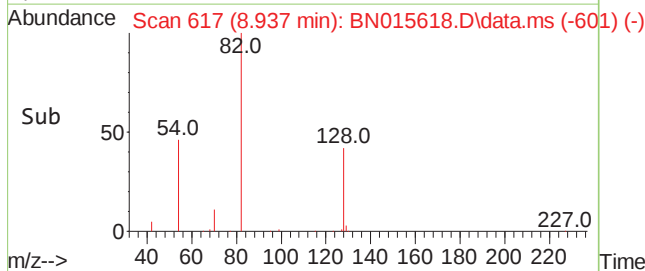
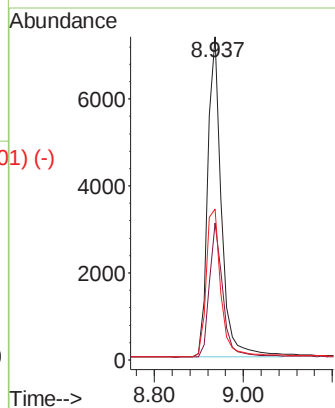
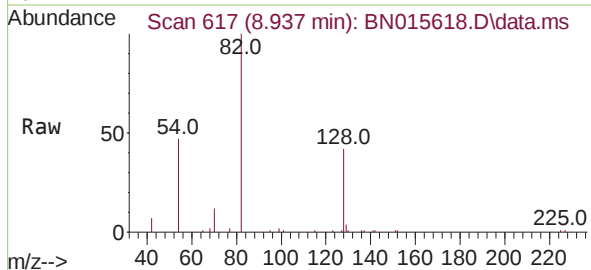




Nitrobenzene-d5  
 Concen: 0.324 ng  
 RT: 8.937 min Scan# 617  
 Delta R.T. -0.000 min  
 Lab File: BN015618.D  
 Acq: 20 Jul 2021 10:42

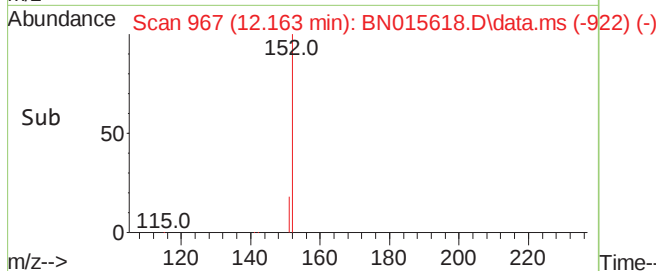
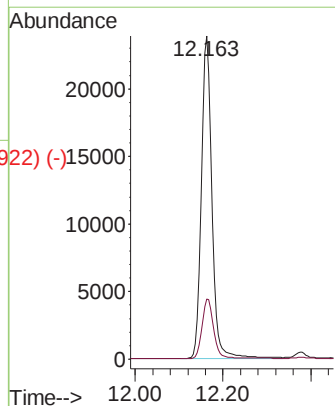
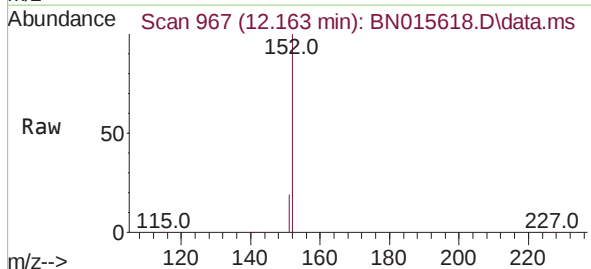
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137773BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 15712 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.3  | 31.6  | 47.4  |
| 54       | 46.6  | 29.0  | 43.4# |

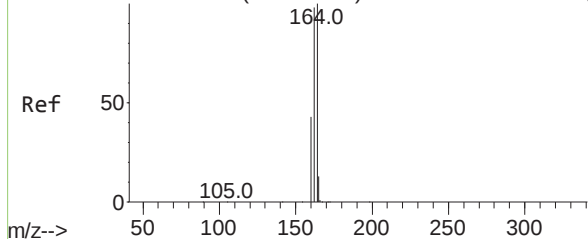


2-Methylnaphthalene-d10  
 Concen: 0.364 ng  
 RT: 12.163 min Scan# 967  
 Delta R.T. -0.000 min  
 Lab File: BN015618.D  
 Acq: 20 Jul 2021 10:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 40441 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.4  | 16.7  | 25.1  |



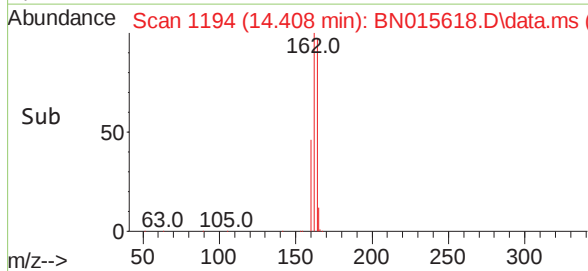
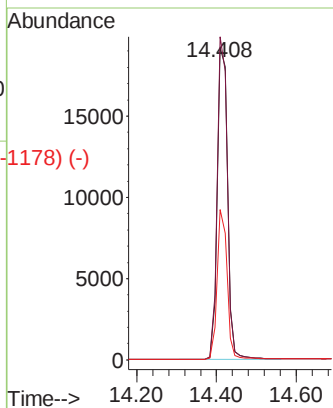
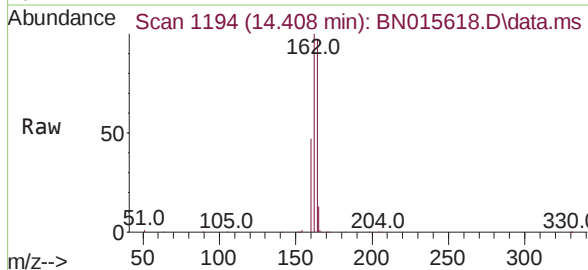
Abundance Scan 1196 (14.434 min): BN015575.D\data.ms (-1199) (-)



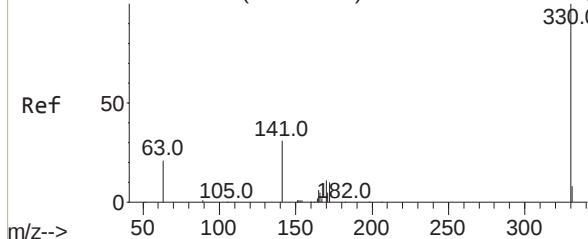
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.408 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

Tgt Ion:164 Resp: 34360  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.8 125.6  
160 48.2 37.4 56.0

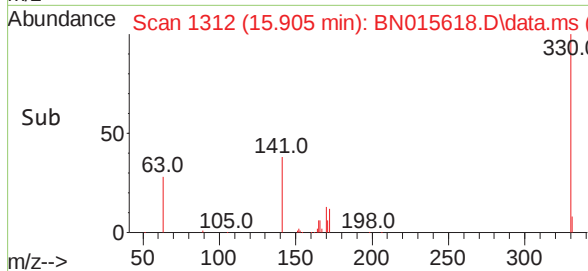
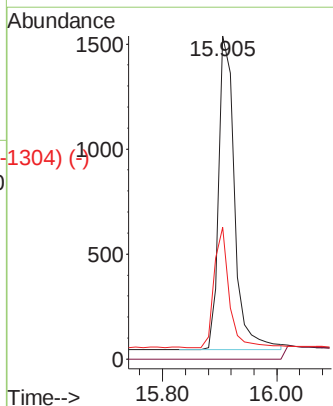
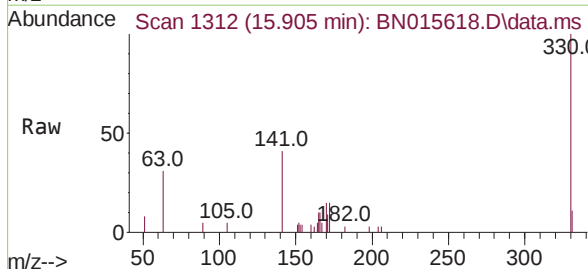


Abundance Scan 1313 (15.918 min): BN015575.D\data.ms (-1304) (-)

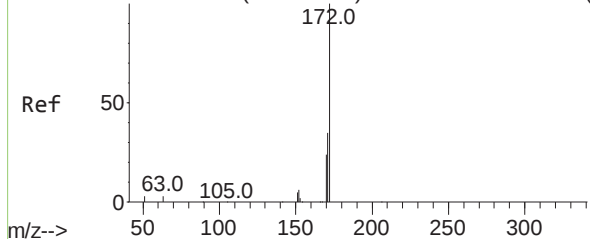


2,4,6-Tribromophenol  
Concen: 0.299 ng  
RT: 15.905 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Tgt Ion:330 Resp: 2880  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 36.7 22.4 33.6#



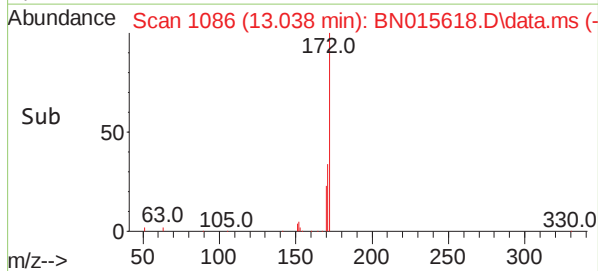
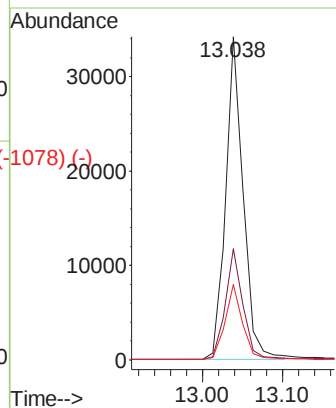
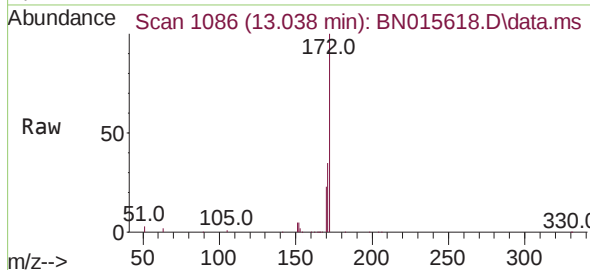
Abundance Scan 1087 (13.051 min): BN015575.D\data.ms (-1013) (-)



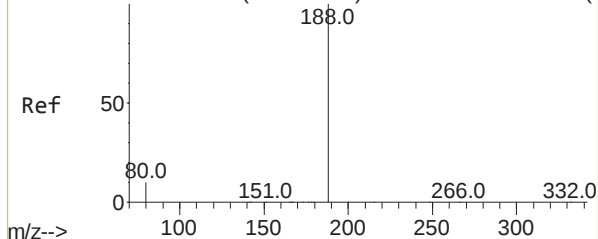
2-Fluorobiphenyl  
Concen: 0.380 ng  
RT: 13.038 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 52696 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.5  | 30.6  | 45.8  |
| 170      | 23.3  | 20.2  | 30.4  |

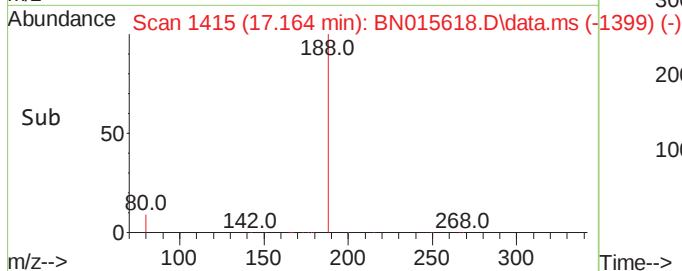
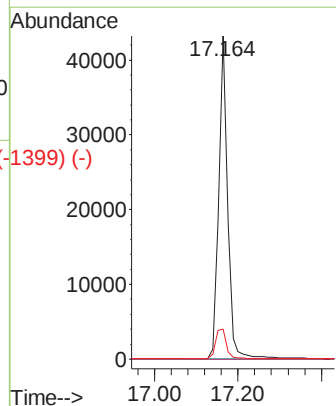
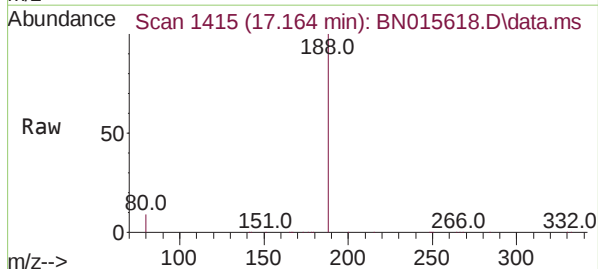


Abundance Scan 1416 (17.176 min): BN015575.D\data.ms (-1419) (-)

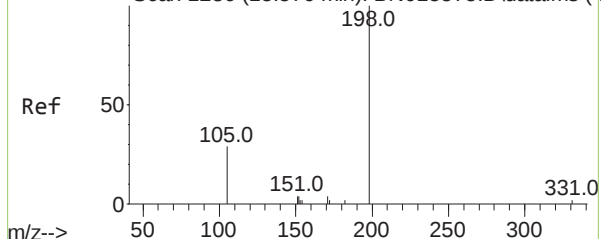


Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.164 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 63468 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 9.2   | 9.0   | 13.4  |



Abundance Scan 1286 (15.576 min): BN015575.D\data.ms (-1286) (-)

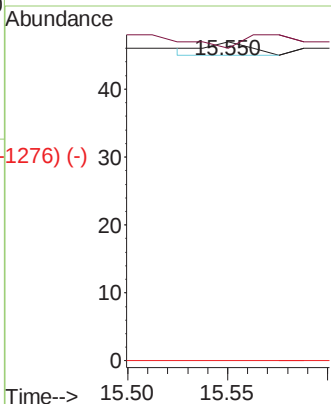
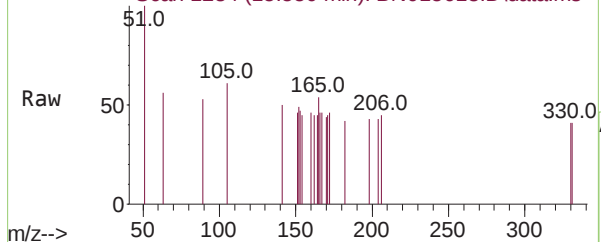


4,6-Dinitro-2-methylphenol  
Concen: Below Cal  
RT: 15.550 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

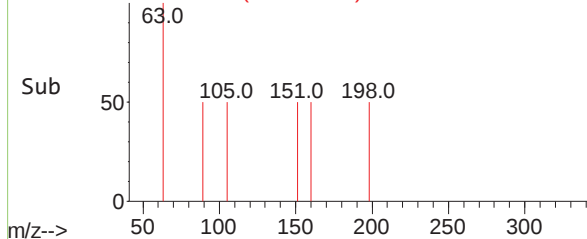
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 97.9 34.5 51.7#  
77 0.0 0.0 0.0

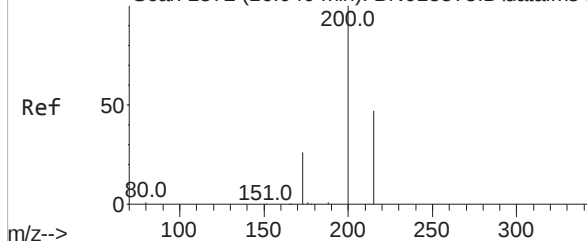
Abundance Scan 1284 (15.550 min): BN015618.D\data.ms



Abundance Scan 1284 (15.550 min): BN015618.D\data.ms (-1276) (-)



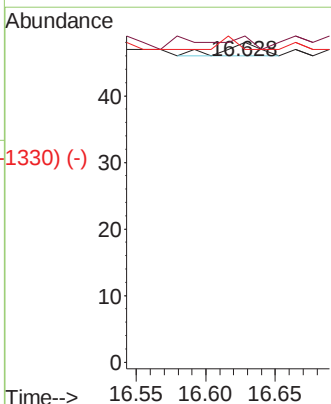
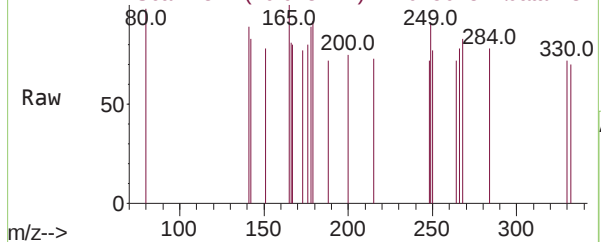
Abundance Scan 1372 (16.640 min): BN015575.D\data.ms (-1372) (-)



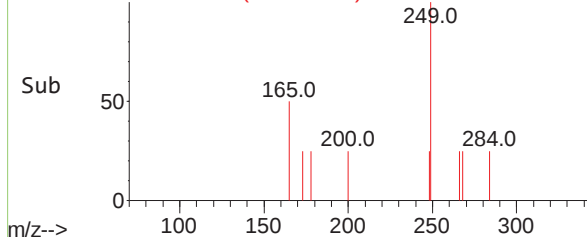
Atrazine  
Concen: 0.096 ng  
RT: 16.628 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Tgt Ion:200 Resp: 4  
Ion Ratio Lower Upper  
200 100  
173 102.1 21.7 32.5#  
215 97.9 43.1 64.7#

Abundance Scan 1371 (16.628 min): BN015618.D\data.ms



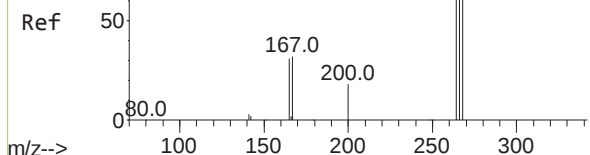
Abundance Scan 1371 (16.628 min): BN015618.D\data.ms (-1330) (-)



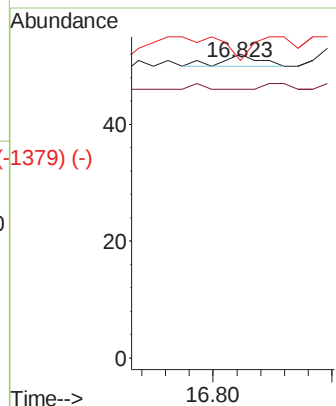
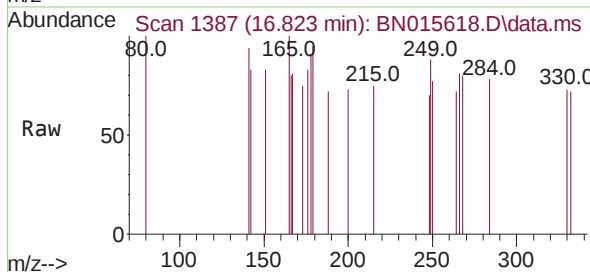
Abundance Scan 1388 (16.835 min): BN015575.D\data.ms (-1324) (-)

Pentachlorophenol  
Concen: 0.281 ng  
RT: 16.823 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

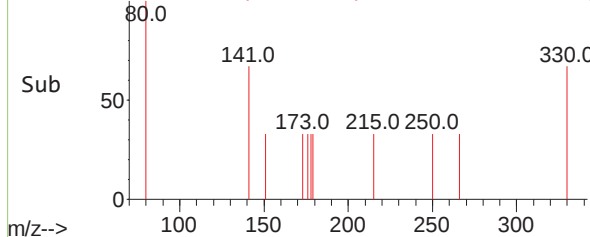
Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 4     |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 0.0   | 51.0  | 76.4# |
| 268      | 0.0   | 50.6  | 76.0# |



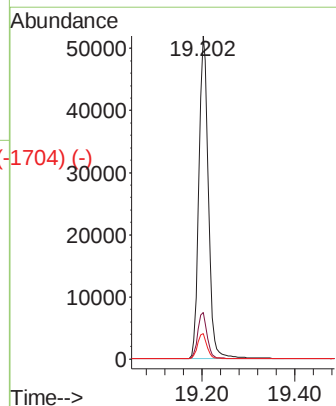
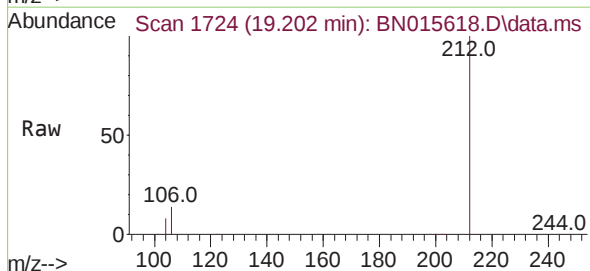
Abundance Scan 1387 (16.823 min): BN015618.D\data.ms (-1379) (-)



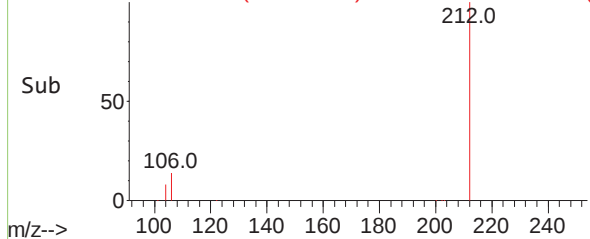
Abundance Scan 1727 (19.217 min): BN015575.D\data.ms (-1727) (-)

Fluoranthene-d10  
Concen: 0.381 ng  
RT: 19.202 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

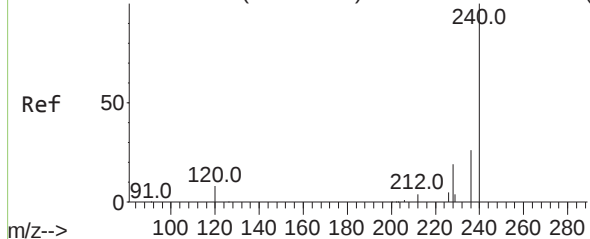
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 72997 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 14.2  | 7.0   | 10.6# |
| 104      | 7.8   | 4.1   | 6.1#  |



Abundance Scan 1724 (19.202 min): BN015618.D\data.ms (-1704) (-)



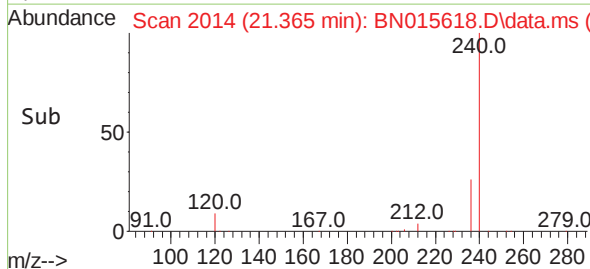
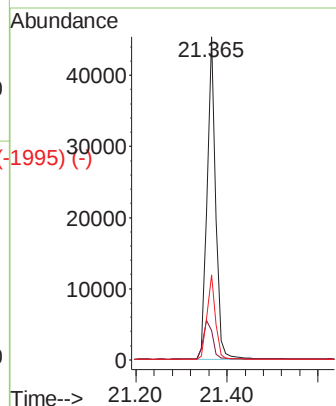
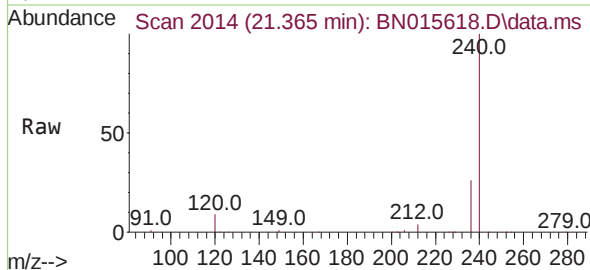
Abundance Scan 2015 (21.376 min): BN015575.D\data.ms (-1995) (-)



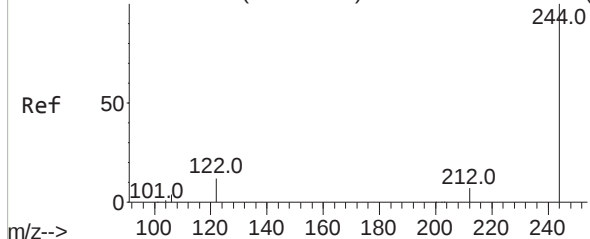
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.365 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

Tgt Ion:240 Resp: 59200  
Ion Ratio Lower Upper  
240 100  
120 9.2 4.2 6.4#  
236 26.4 21.4 32.2

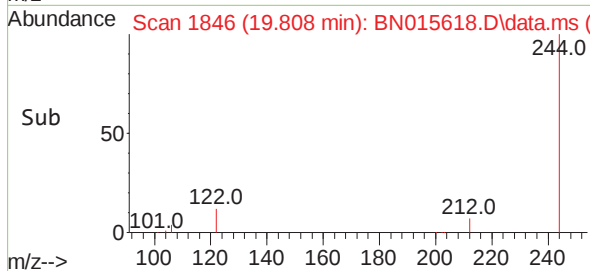
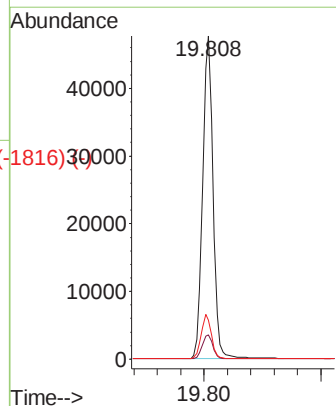
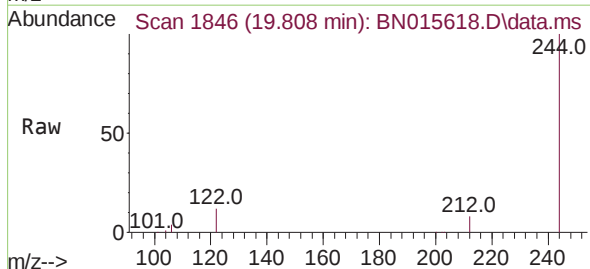


Abundance Scan 1848 (19.818 min): BN015575.D\data.ms (-1836) (-)

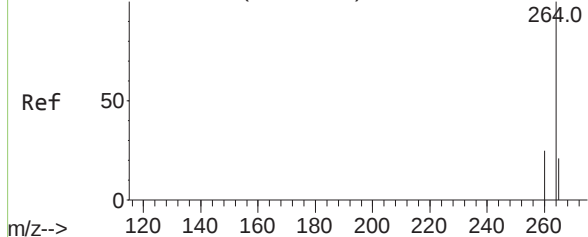


Terphenyl-d14  
Concen: 0.418 ng  
RT: 19.808 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Tgt Ion:244 Resp: 58643  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.3 9.5  
122 12.1 6.2 9.2#



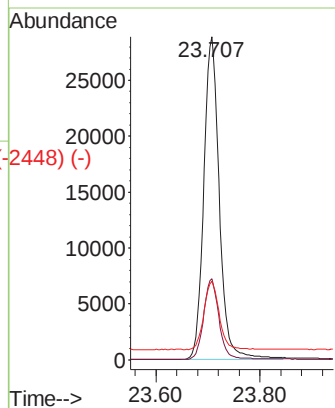
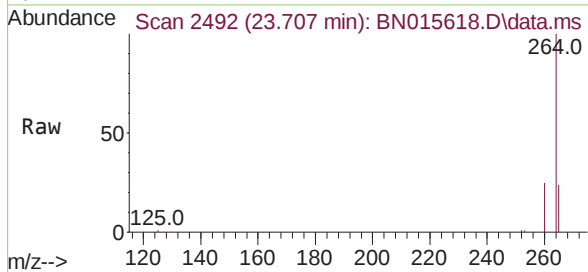
Abundance Scan 2497 (23.724 min): BN015575.D\data.ms (-2448) (-)



Perylene-d12  
Concen: 0.400 ng  
RT: 23.707 min Scan# 2492  
Delta R.T. -0.000 min  
Lab File: BN015618.D  
Acq: 20 Jul 2021 10:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB137773BL

Tgt Ion:264 Resp: 59612  
Ion Ratio Lower Upper  
264 100  
260 25.1 20.6 31.0  
265 24.3 21.4 32.2



Abundance Scan 2492 (23.707 min): BN015618.D\data.ms (-2448) (-)

