

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061121\  
 Data File : BM030402.D  
 Acq On : 11 Jun 2021 13:36  
 Operator : CG/JU  
 Sample : M2612-24  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 11 14:12:38 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 14:10:50 2021  
 Response via : Initial Calibration

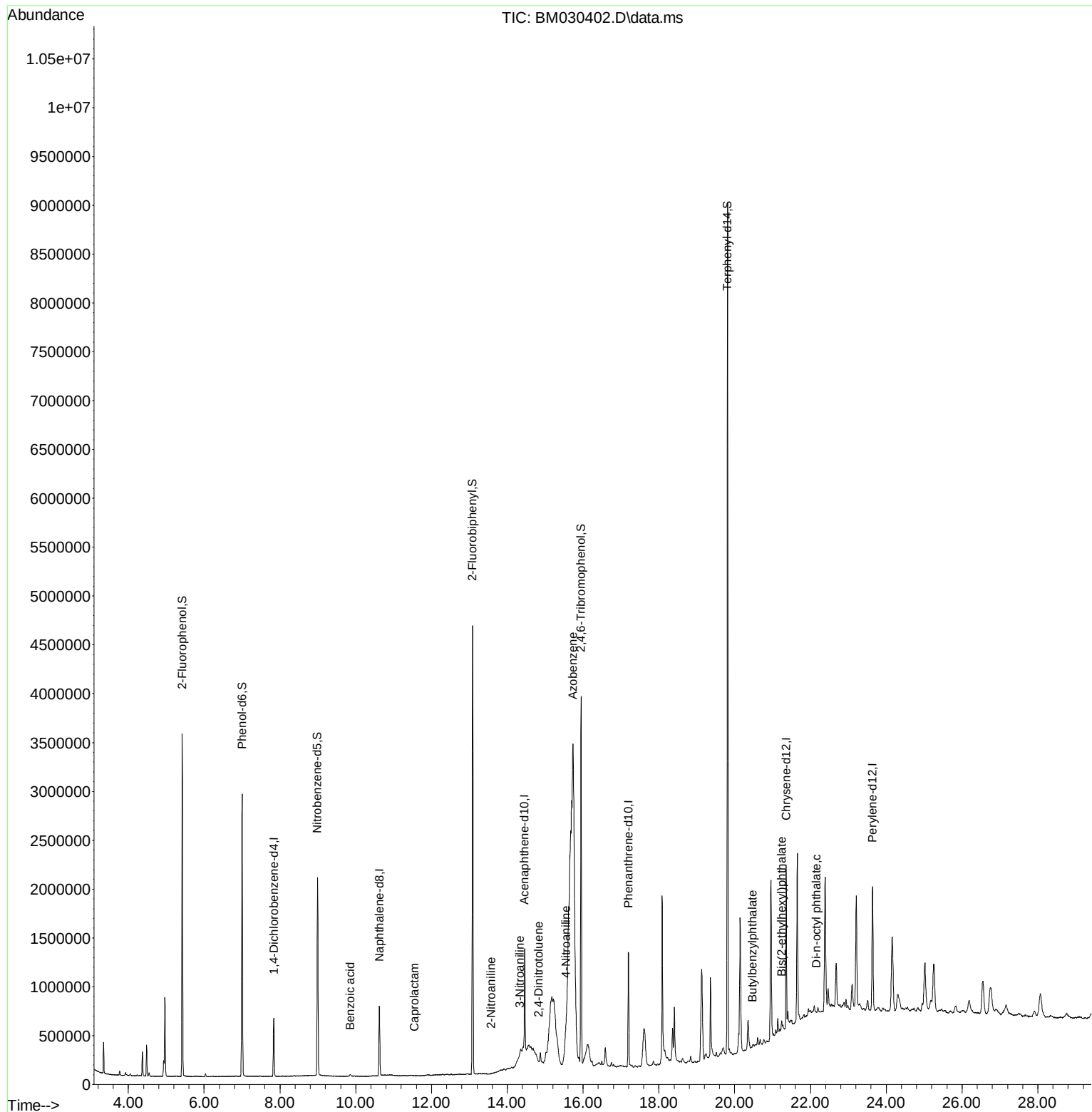
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 166949   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.622 | 136  | 596251   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.457 | 164  | 357823   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 717516   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.357 | 240  | 772844   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 23.639 | 264  | 879255   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1405241  | 136.835   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.005  | 99   | 1557714  | 104.779   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.993  | 82   | 1152157  | 94.139    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 654681   | 145.523   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.081 | 172  | 2406984  | 88.461    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 3828594  | 87.012    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 32) Benzoic acid              | 9.857  | 122  | 5915     | 5.740     | ng    | 94       |
| 35) Caprolactam               | 11.551 | 113  | 254      | 6.036     | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.575 | 65   | 505      | 4.086     | ng    | # 54     |
| 53) 3-Nitroaniline            | 14.334 | 138  | 408      | 4.015     | ng    | # 42     |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 60       | Below Cal | #     | 1        |
| 57) 2,4-Dinitrotoluene        | 14.828 | 165  | 1023     | 3.103     | ng    | # 60     |
| 62) 4-Nitroaniline            | 15.551 | 138  | 106      | 4.627     | ng    | # 49     |
| 63) Azobenzene                | 15.733 | 77   | 4555991  | 158.453   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.468 | 149  | 2883     | 4.414     | ng    | 90       |
| 84) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 81053    | 6.298     | ng    | # 61     |
| 85) Di-n-octyl phthalate      | 22.157 | 149  | 1659     | 4.192     | ng    | # 74     |
| -----                         |        |      |          |           |       |          |

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

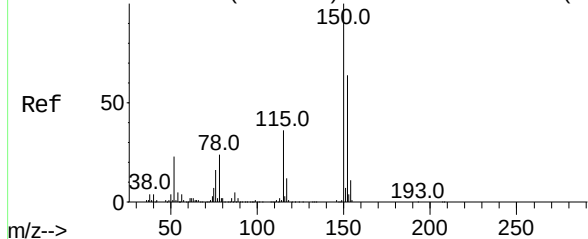
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061121\  
Data File : BM030402.D  
Acq On : 11 Jun 2021 13:36  
Operator : CG/JU  
Sample : M2612-24  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Jun 11 14:12:38 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 11 14:10:50 2021  
Response via : Initial Calibration



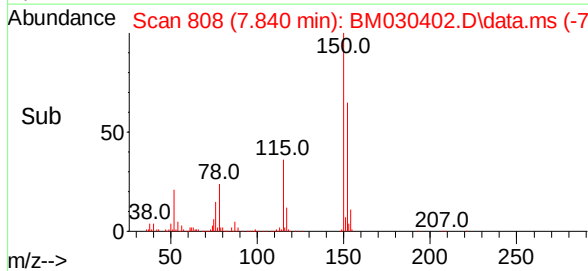
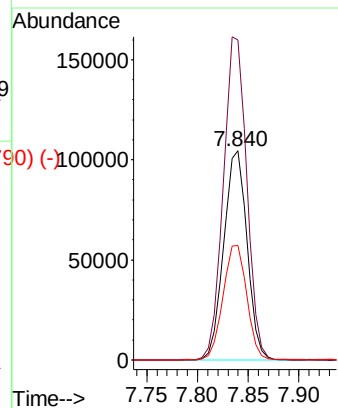
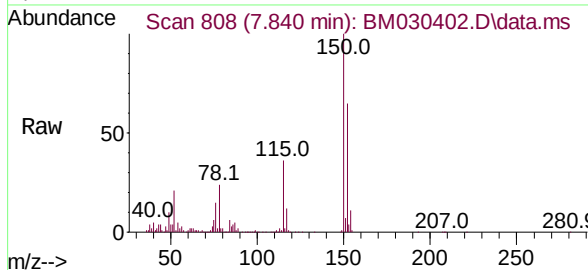
Abundance Scan 810 (7.851 min): BM030326.D\data.ms (-802#1)



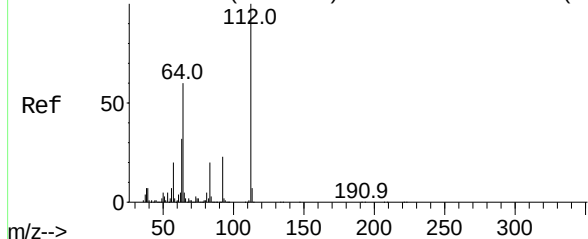
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.840 min Scan# 808  
Delta R.T. 0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 166949 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 150      | 152.9 | 125.9 | 188.9  |
| 115      | 54.6  | 44.6  | 67.0   |

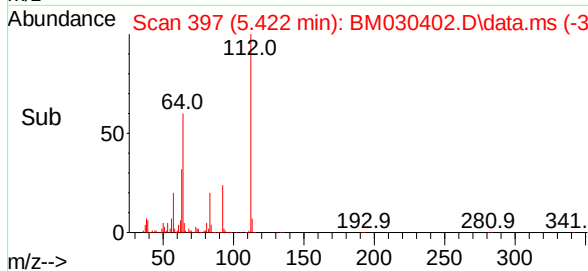
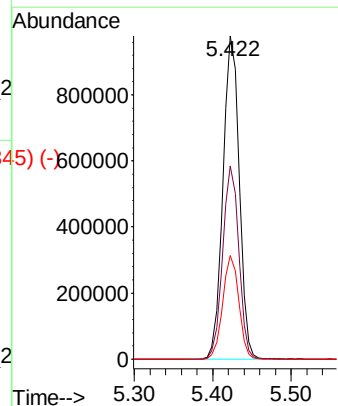
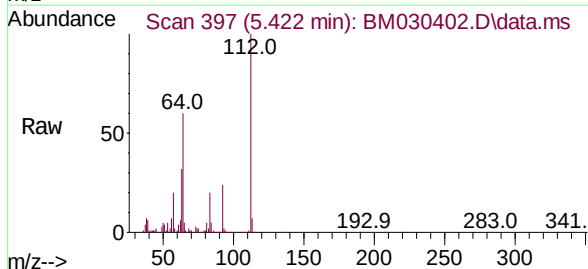


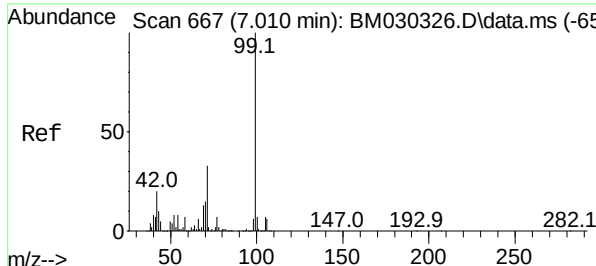
Abundance Scan 398 (5.428 min): BM030326.D\data.ms (-390#5)



2-Fluorophenol  
Concen: 136.835 ng  
RT: 5.422 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1405241 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 59.8  | 47.1  | 70.7    |
| 63       | 32.2  | 27.3  | 40.9    |

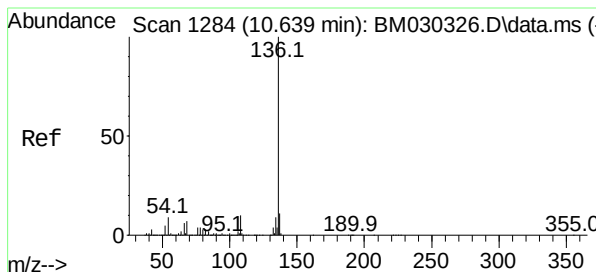
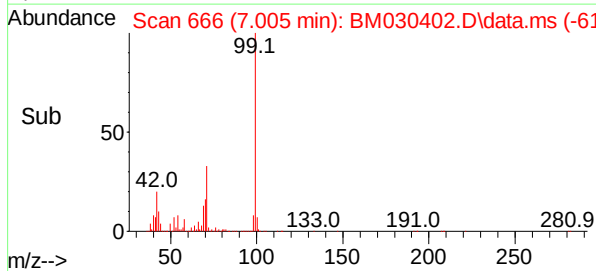
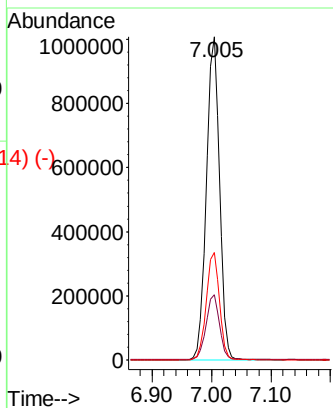
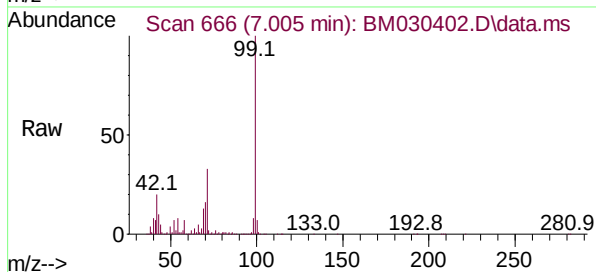




Phenol-d6  
 Concen: 104.779 ng  
 RT: 7.005 min Scan# 666  
 Delta R.T. 0.006 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

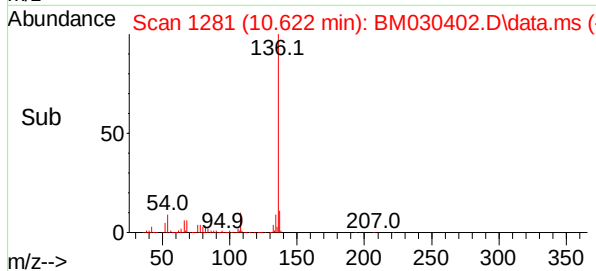
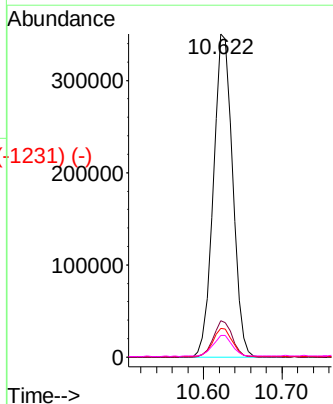
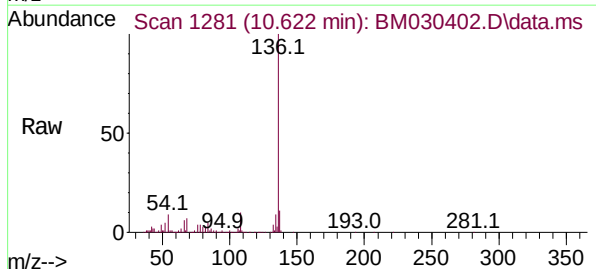
Instrument :  
 BNA\_M  
 ClientSampleId :

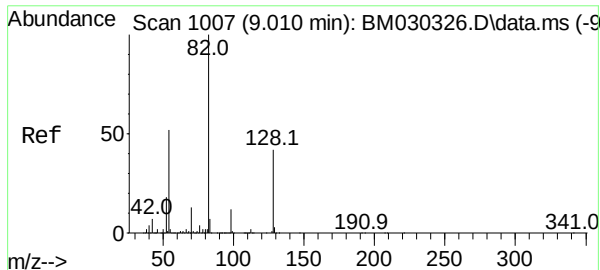
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 1557714 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 20.1  | 18.0  | 27.0    |
| 71       | 33.2  | 30.9  | 46.3    |



Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.622 min Scan# 1281  
 Delta R.T. -0.006 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 596251 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.4   | 12.6   |
| 54       | 8.8   | 5.5   | 8.3#   |
| 68       | 6.6   | 4.2   | 6.2#   |

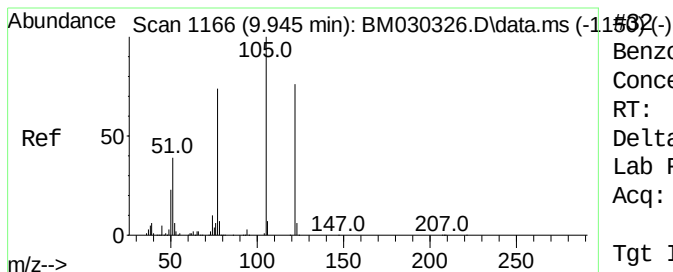
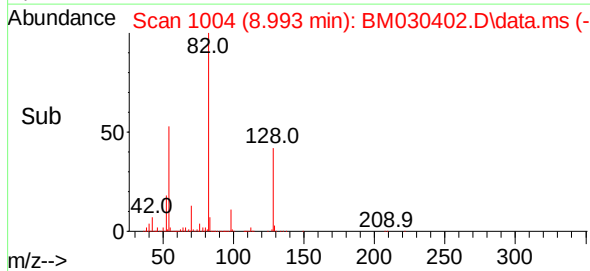
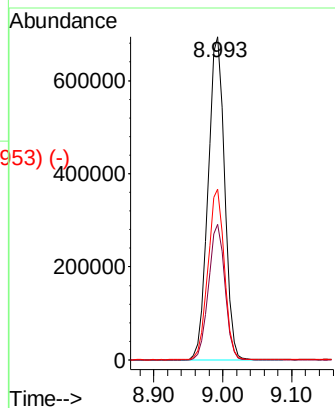
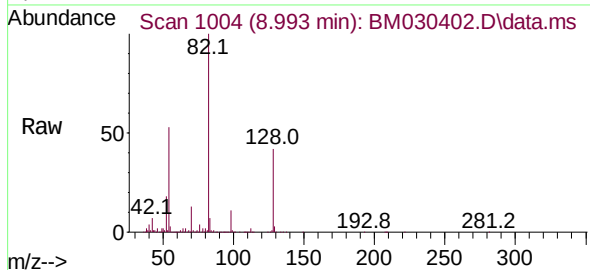




Nitrobenzene-d5  
 Concen: 94.139 ng  
 RT: 8.993 min Scan# 1004  
 Delta R.T. 0.000 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

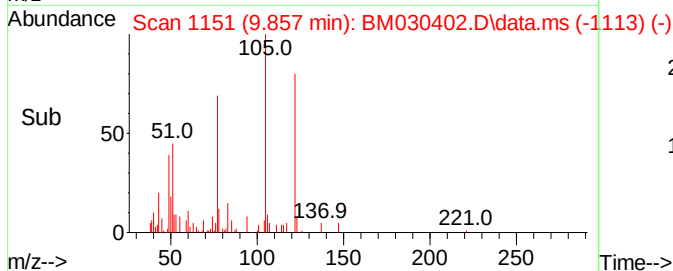
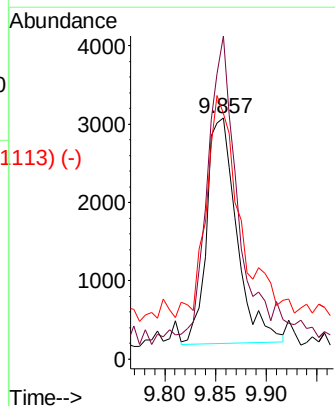
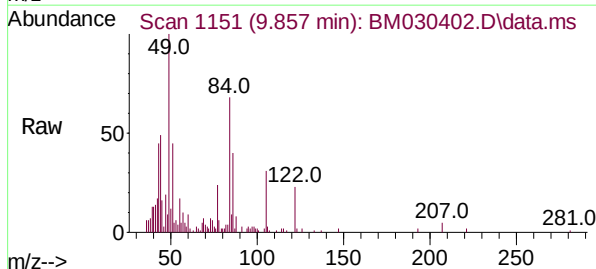
Instrument :  
 BNA\_M  
 ClientSampled :

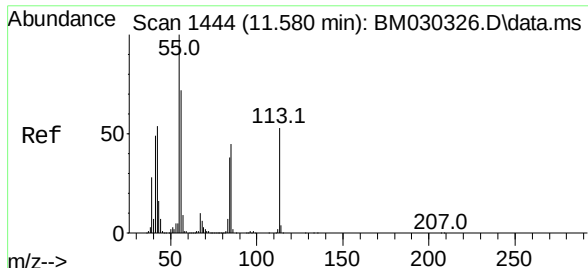
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1152157 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 41.9  | 31.1  | 46.7    |
| 54       | 52.9  | 37.3  | 55.9    |



Benzoic acid  
 Concen: 5.740 ng  
 RT: 9.857 min Scan# 1151  
 Delta R.T. -0.076 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 5915  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 133.9 | 107.3 | 147.3 |
| 77       | 101.8 | 88.0  | 128.0 |

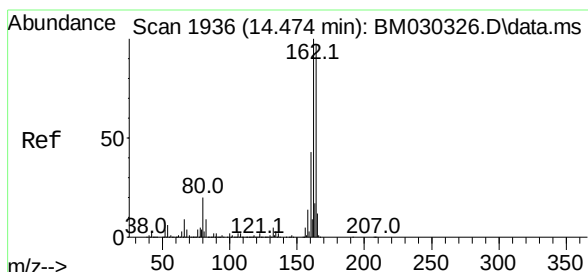
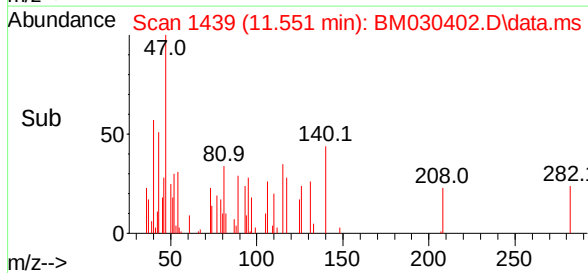
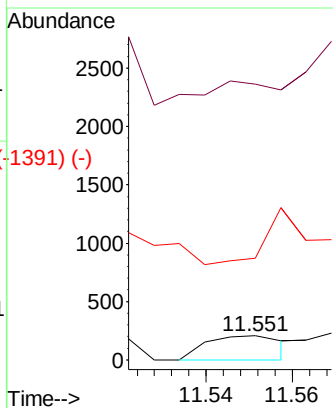
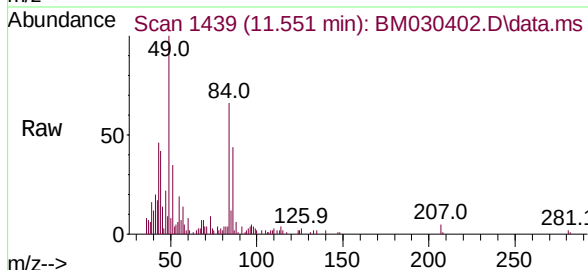




Caprolactam  
 Concen: 6.036 ng  
 RT: 11.551 min Scan# 1439  
 Delta R.T. -0.017 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

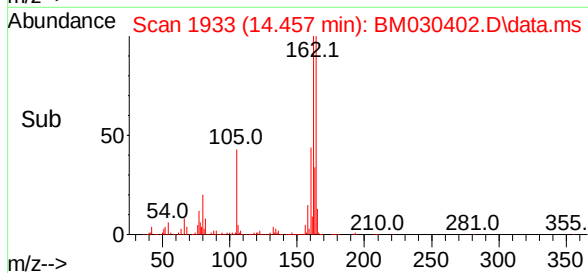
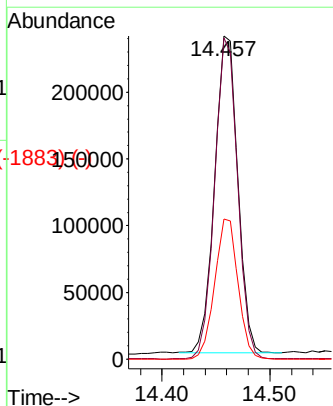
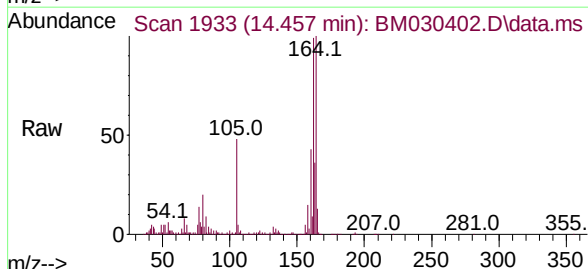
Instrument :  
 BNA\_M  
 ClientSampleId :

|          |        |       |        |
|----------|--------|-------|--------|
| Tgt Ion: | 113    | Resp: | 254    |
| Ion      | Ratio  | Lower | Upper  |
| 113      | 100    |       |        |
| 55       | 1141.1 | 132.0 | 172.0# |
| 56       | 421.3  | 96.3  | 136.3# |



Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.457 min Scan# 1933  
 Delta R.T. -0.006 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

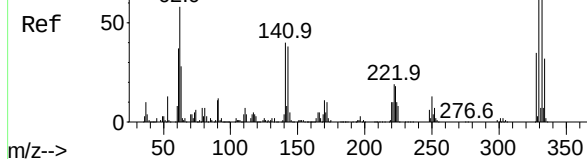
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 357823 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 99.5  | 83.4  | 125.0  |
| 160      | 43.4  | 37.2  | 55.8   |



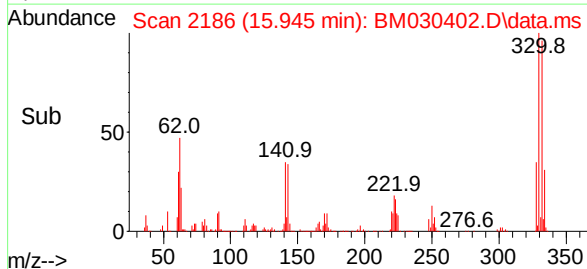
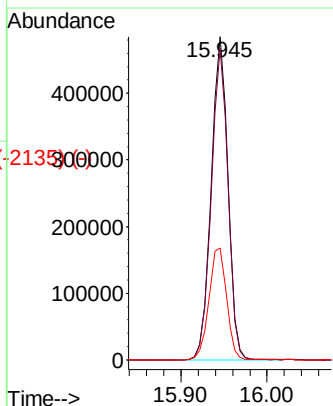
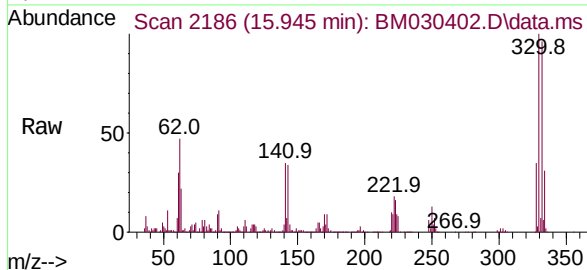
Abundance Scan 2188 (15.957 min): BM030326.D\data.ms (-2188) (-)

2,4,6-Tribromophenol  
Concen: 145.523 ng  
RT: 15.945 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

Instrument :  
BNA\_M  
ClientSampled :

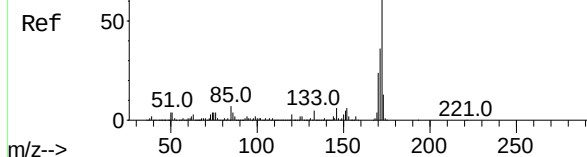


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 654681 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 95.8  | 77.0  | 115.4  |
| 141      | 36.2  | 30.2  | 45.2   |

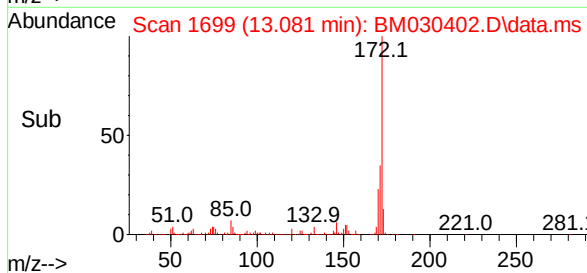
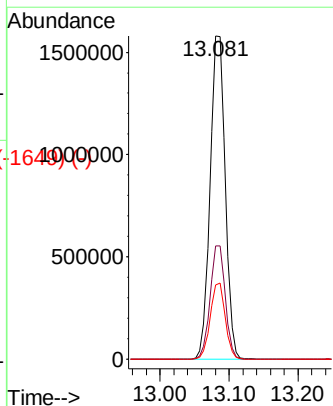
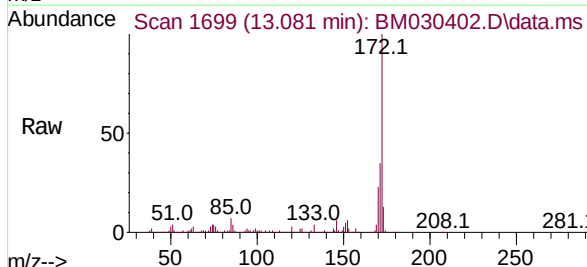


Abundance Scan 1702 (13.098 min): BM030326.D\data.ms (-1702) (-)

2-Fluorobiphenyl  
Concen: 88.461 ng  
RT: 13.081 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36



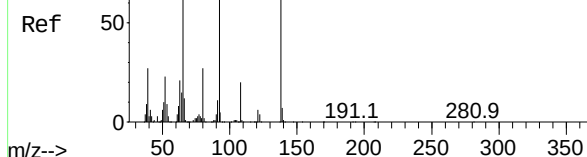
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2406984 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 35.0  | 28.6  | 43.0    |
| 170      | 23.0  | 18.4  | 27.6    |



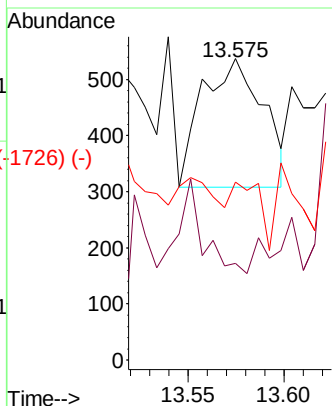
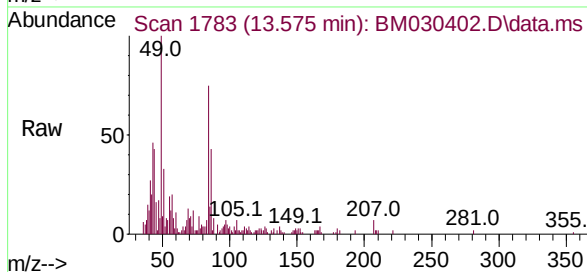
Abundance Scan 1779 (13.551 min): BM030326.D\data.ms (-1740) (-)

2-Nitroaniline  
Concen: 4.086 ng  
RT: 13.575 min Scan# 1783  
Delta R.T. 0.036 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

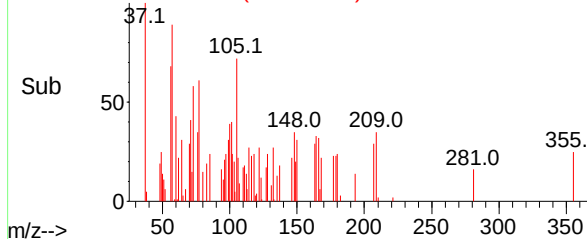
Instrument :  
BNA\_M  
ClientSampled :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 505    |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 32.0  | 55.5  | 83.3#  |
| 138      | 59.0  | 85.7  | 128.5# |



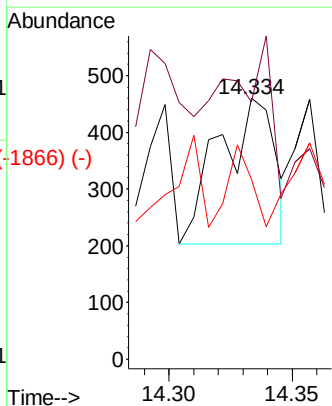
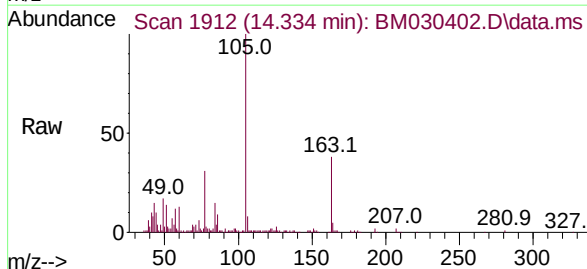
Abundance Scan 1783 (13.575 min): BM030402.D\data.ms (-1726) (-)



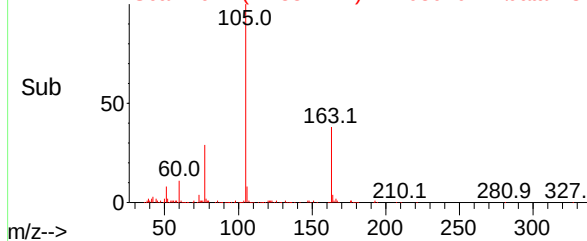
Abundance Scan 1919 (14.374 min): BM030326.D\data.ms (-1950) (-)

3-Nitroaniline  
Concen: 4.015 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.029 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 408    |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 98.7  | 7.7   | 11.5#  |
| 92       | 68.9  | 92.6  | 138.8# |



Abundance Scan 1912 (14.334 min): BM030402.D\data.ms (-1866) (-)

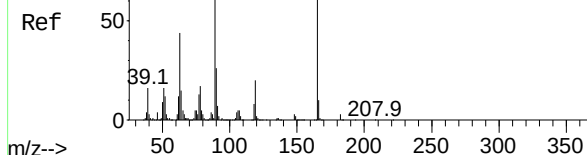




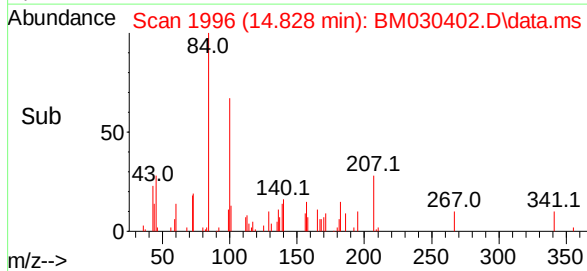
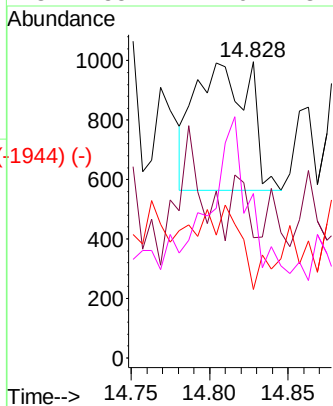
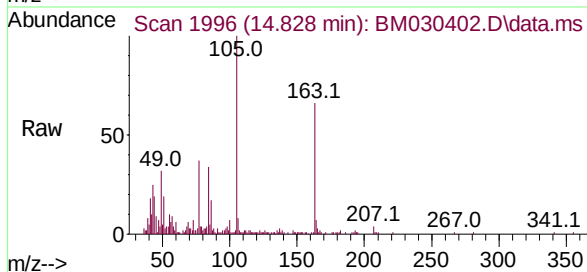
Abundance Scan 1997 (14.833 min): BM030326.D\data.ms (-155) (-)

2,4-Dinitrotoluene  
Concen: 3.103 ng  
RT: 14.828 min Scan# 1996  
Delta R.T. 0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

Instrument :  
BNA\_M  
ClientSampled :

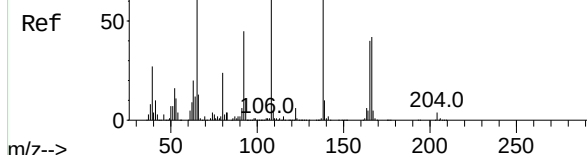


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.6  | 35.0  | 52.4  |
| 89      | 23.0  | 55.2  | 82.8# |
| 182     | 55.4  | 2.6   | 3.8#  |

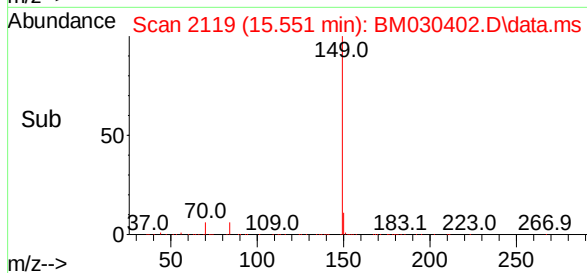
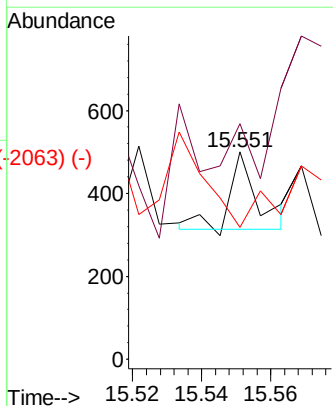
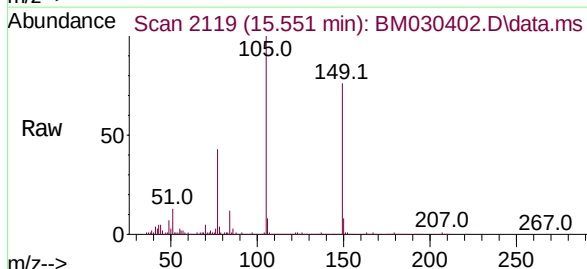


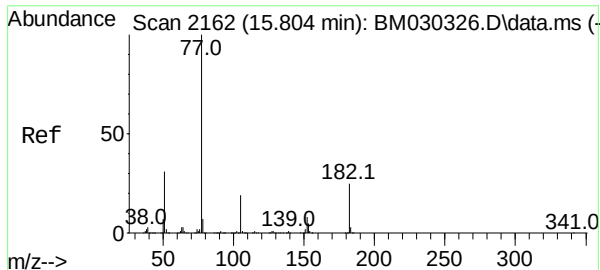
Abundance Scan 2117 (15.539 min): BM030326.D\data.ms (-206) (-)

4-Nitroaniline  
Concen: 4.627 ng  
RT: 15.551 min Scan# 2119  
Delta R.T. 0.030 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 113.8 | 33.4  | 73.4#  |
| 108     | 63.8  | 75.5  | 115.5# |



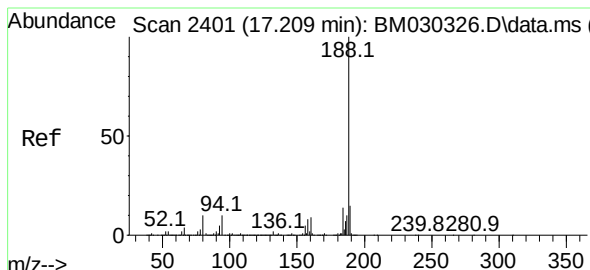
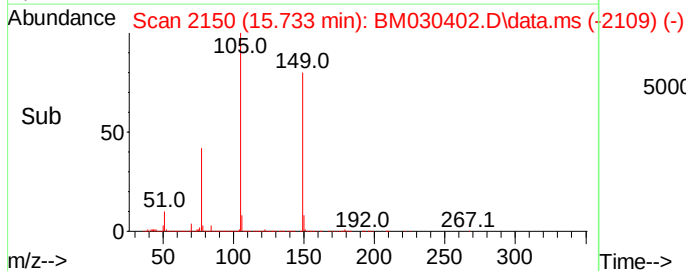
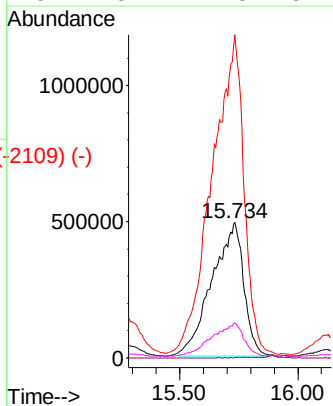
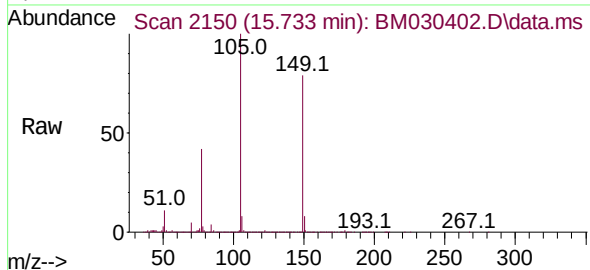


Azobenzene  
Concen: 158.453 ng  
RT: 15.733 min Scan# 2150  
Delta R.T. -0.059 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

Instrument :  
BNA\_M  
ClientSampled :

Tgt Ion: 77 Resp: 4555991

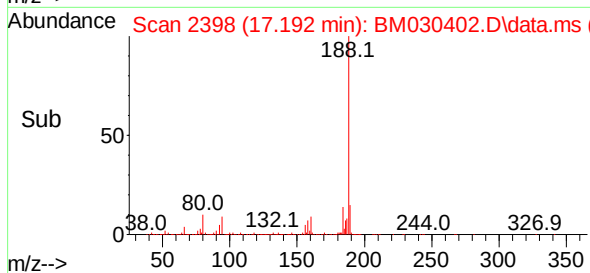
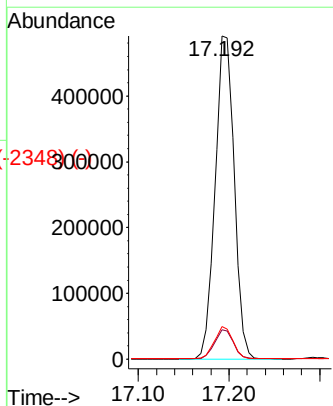
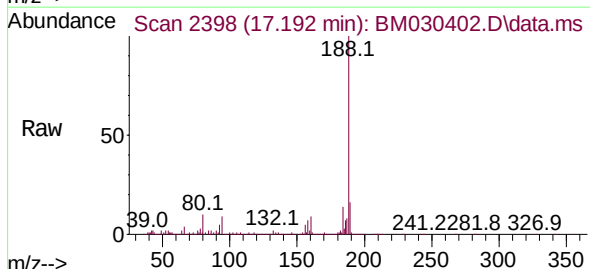
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 0.2   | 6.8   | 46.8# |
| 105 | 238.3 | 0.0   | 36.6# |
| 51  | 25.7  | 11.5  | 51.5  |

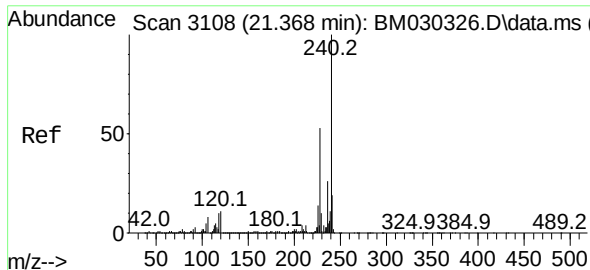


Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2398  
Delta R.T. -0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

Tgt Ion: 188 Resp: 717516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 6.0   | 9.0#  |
| 80  | 10.0  | 6.6   | 9.8#  |

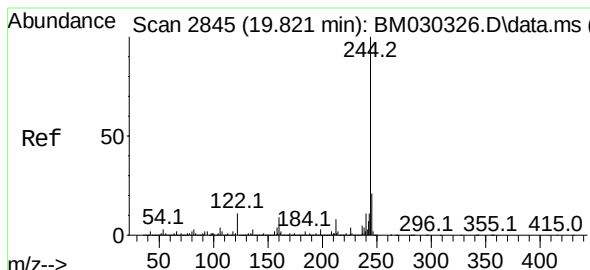
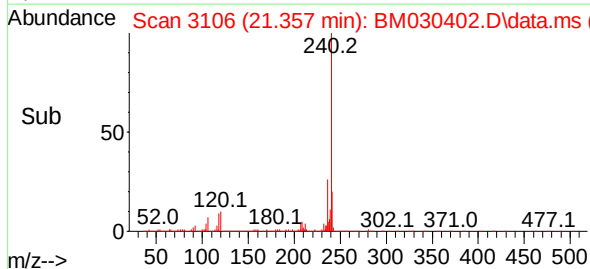
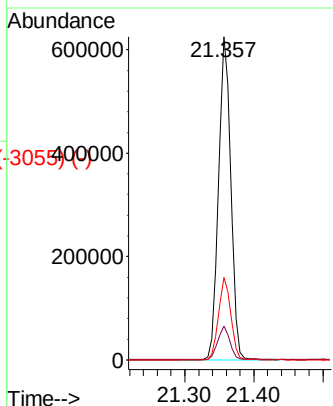
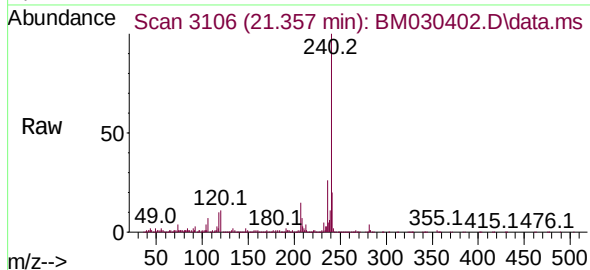




Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.357 min Scan# 3106  
 Delta R.T. 0.000 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

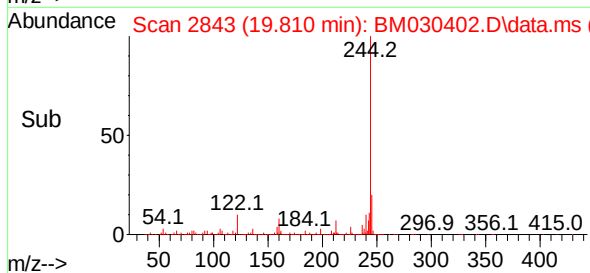
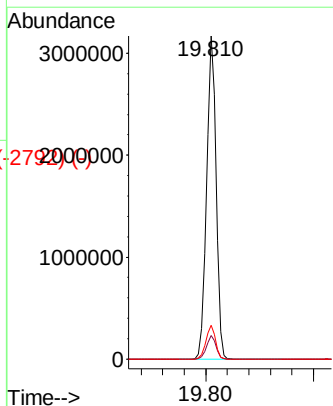
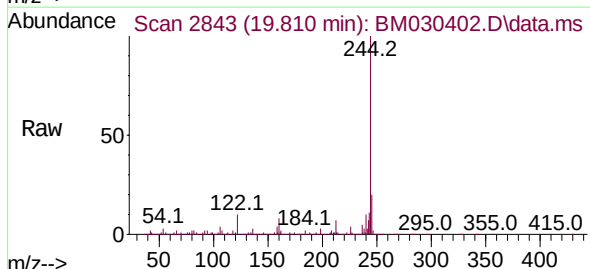
Instrument :  
 BNA\_M  
 ClientSampleId :

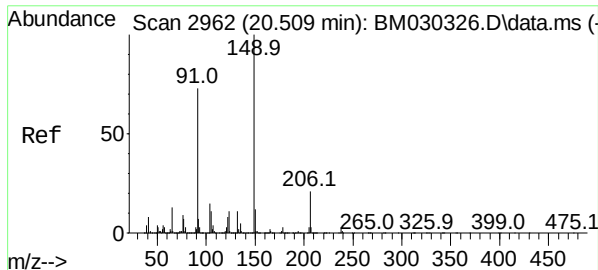
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 772844 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.5  | 7.0   | 10.6   |
| 236      | 25.6  | 21.0  | 31.4   |



Terphenyl-d14  
 Concen: 87.012 ng  
 RT: 19.810 min Scan# 2843  
 Delta R.T. 0.000 min  
 Lab File: BM030402.D  
 Acq: 11 Jun 2021 13:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3828594 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.4   | 6.3   | 9.5     |
| 122      | 10.5  | 6.9   | 10.3#   |

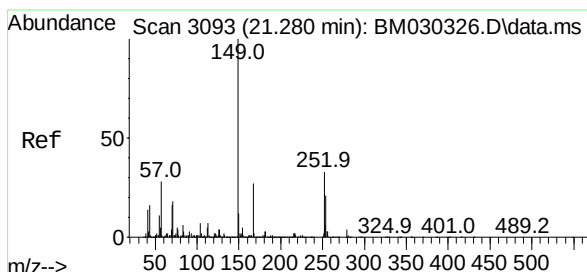
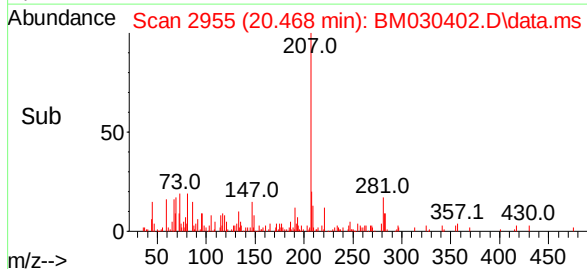
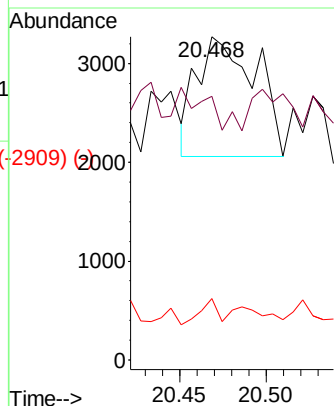
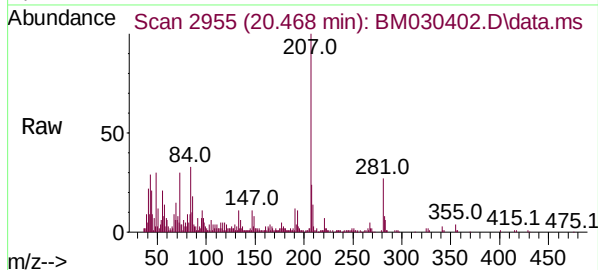




Butylbenzylphthalate  
Concen: 4.414 ng  
RT: 20.468 min Scan# 2955  
Delta R.T. -0.029 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

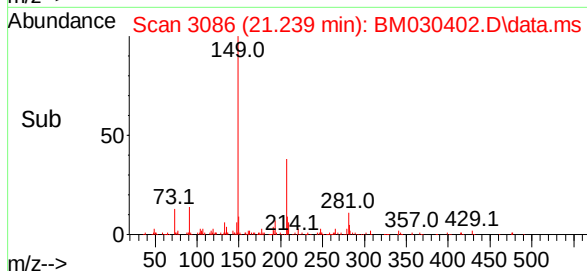
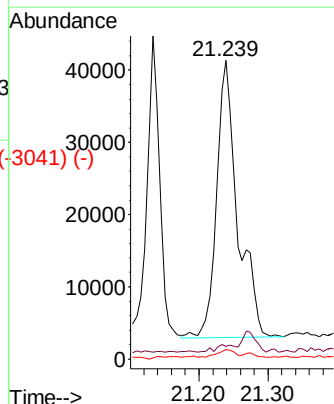
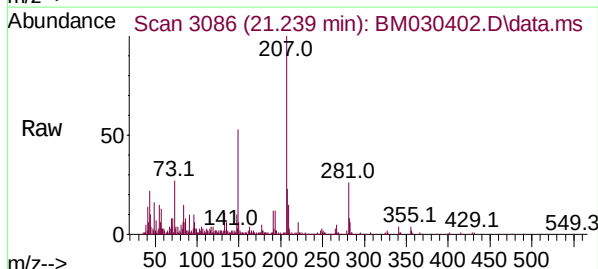
Instrument :  
BNA\_M  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 81.5  | 57.4  | 86.0  |
| 206     | 19.1  | 16.6  | 25.0  |



Bis(2-ethylhexyl)phthalate  
Concen: 6.298 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. -0.035 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

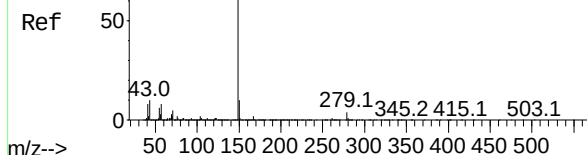
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 4.3   | 22.6  | 33.8# |
| 279     | 3.3   | 3.8   | 5.8#  |



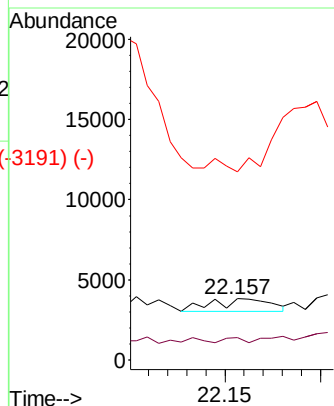
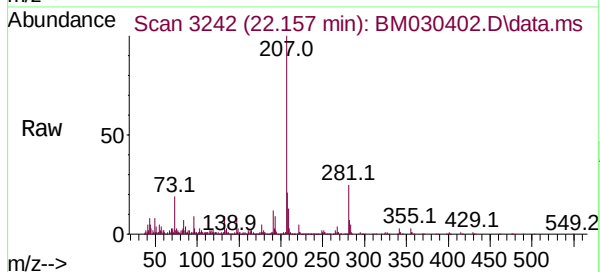
Abundance Scan 3244 (22.168 min): BM030326.D\data.ms (-3285) (-)

Di-n-octyl phthalate  
Concen: 4.192 ng  
RT: 22.157 min Scan# 3242  
Delta R.T. 0.000 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

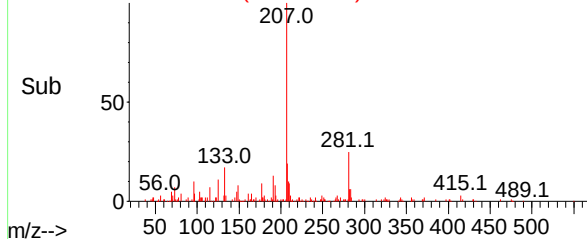
Instrument :  
BNA\_M  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 1659  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 13.3  | 1.3   | 1.9#  |
| 43       | 0.0   | 7.4   | 11.0# |



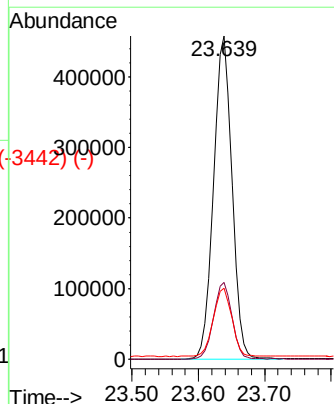
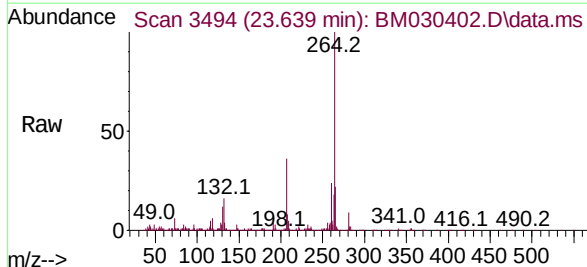
Abundance Scan 3242 (22.157 min): BM030402.D\data.ms (-3191) (-)



Abundance Scan 3496 (23.650 min): BM030326.D\data.ms (-3486) (-)

Perylene-d12  
Concen: 20.000 ng  
RT: 23.639 min Scan# 3494  
Delta R.T. 0.006 min  
Lab File: BM030402.D  
Acq: 11 Jun 2021 13:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 879255 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.7  | 19.8  | 29.8   |
| 265      | 22.0  | 17.7  | 26.5   |



Abundance Scan 3494 (23.639 min): BM030402.D\data.ms (-3442) (-)

