

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040323\  
 Data File : BM039282.D  
 Acq On : 03 Apr 2023 16:58  
 Operator : CG/JU  
 Sample : 02154-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 03 18:28:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 17:03:41 2023  
 Response via : Initial Calibration

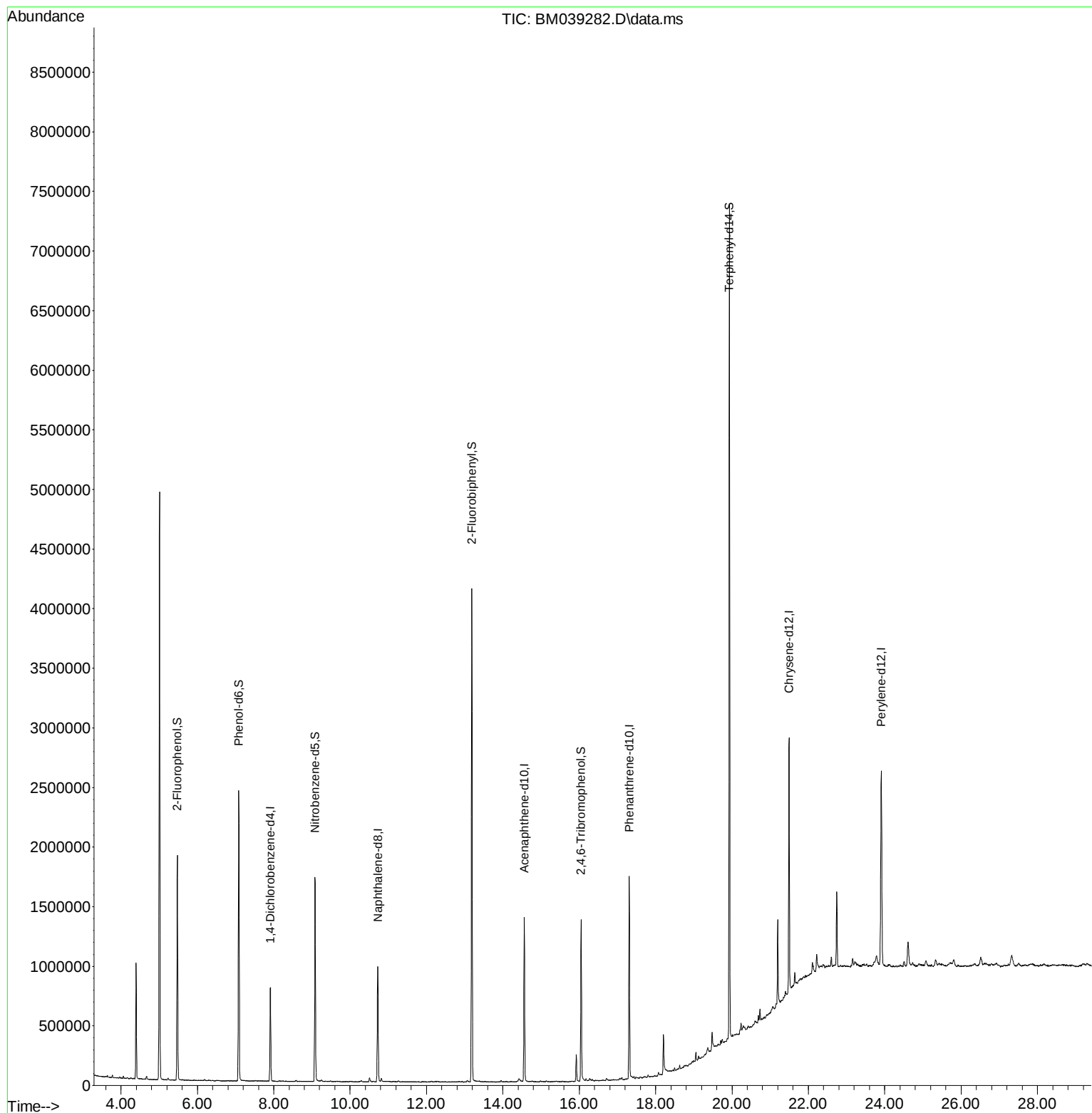
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.916  | 152  | 213077   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.728 | 136  | 813987   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.563 | 164  | 460433   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.310 | 188  | 962061   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.497 | 240  | 991559   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.909 | 264  | 1209896  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 789357   | 55.813 | ng    | 0.00     |
| 7) Phenol-d6                | 7.081  | 99   | 1372913  | 75.052 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.081  | 82   | 989396   | 59.076 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.051 | 330  | 234935   | 40.196 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.186 | 172  | 2033878  | 59.851 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.933 | 244  | 3135964  | 58.432 | ng    | 0.00     |

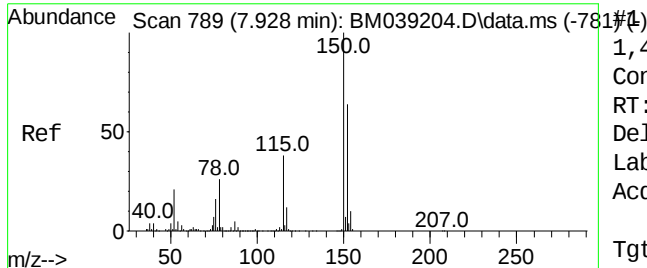
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040323\  
Data File : BM039282.D  
Acq On : 03 Apr 2023 16:58  
Operator : CG/JU  
Sample : 02154-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

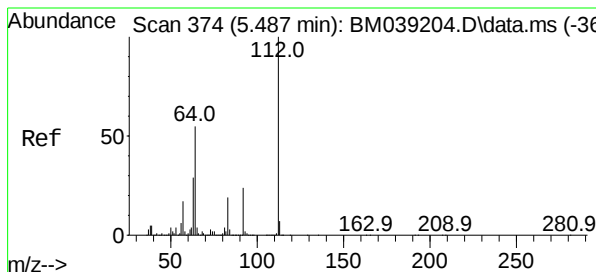
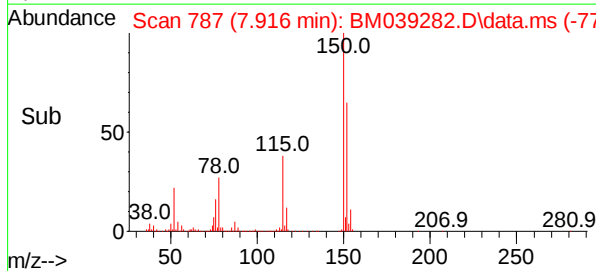
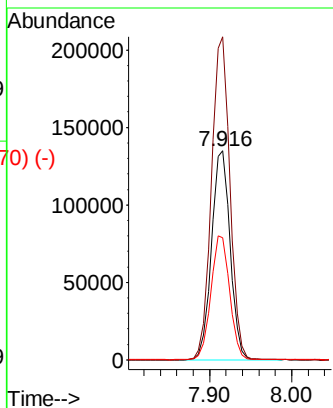
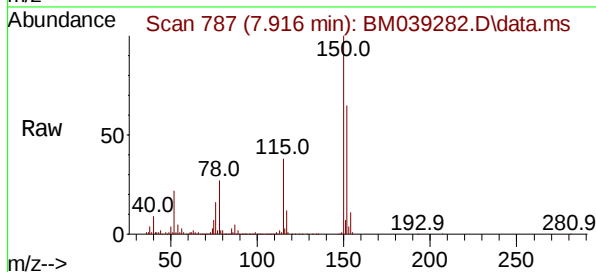
Quant Time: Apr 03 18:28:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 31 17:03:41 2023  
Response via : Initial Calibration





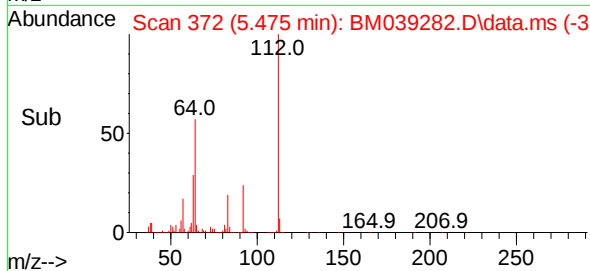
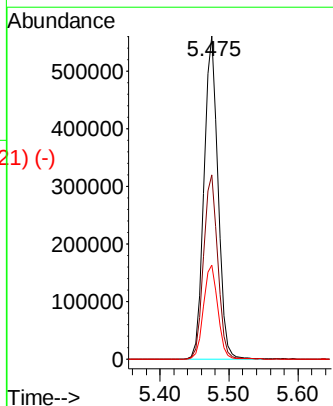
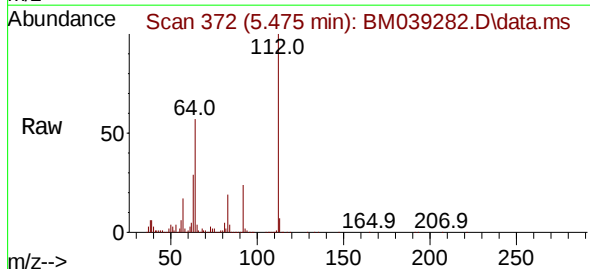
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.916 min Scan# 787  
 Delta R.T. 0.000 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

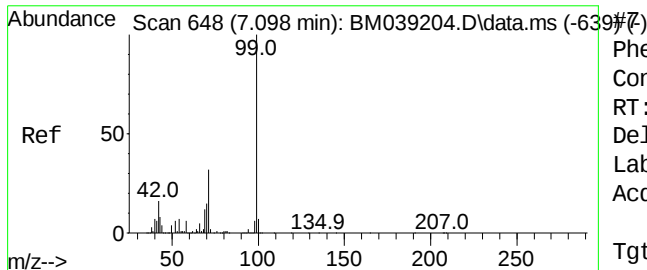
Tgt Ion:152 Resp: 213077  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 125.5 188.3  
 115 58.3 48.1 72.1



2-Fluorophenol  
 Concen: 55.813 ng  
 RT: 5.475 min Scan# 372  
 Delta R.T. -0.000 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

Tgt Ion:112 Resp: 789357  
 Ion Ratio Lower Upper  
 112 100  
 64 57.0 44.3 66.5  
 63 29.0 23.0 34.6

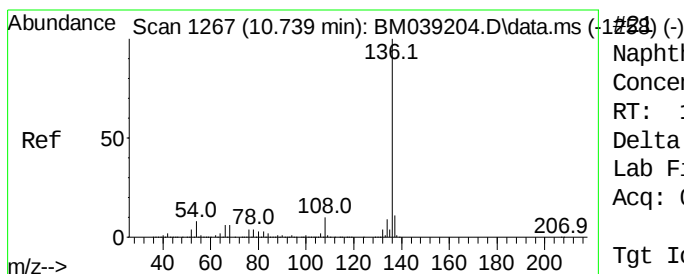
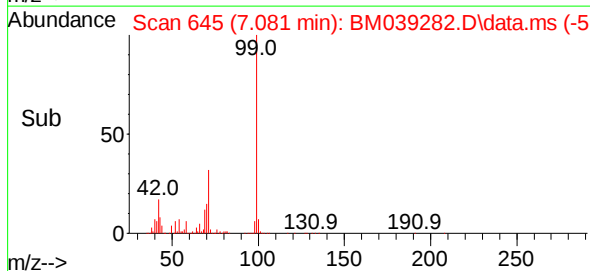
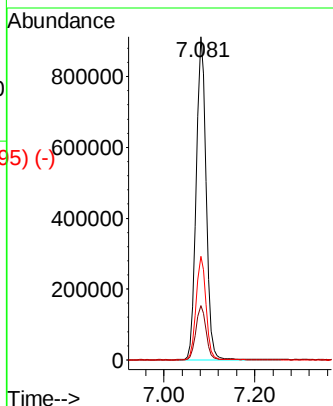
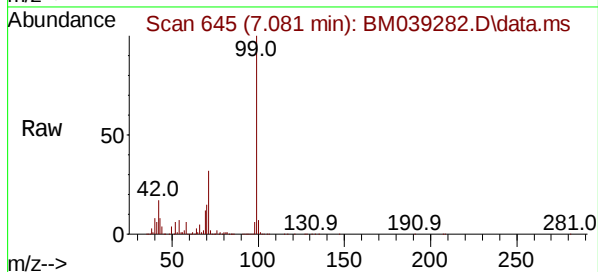




Phenol-d6  
 Concen: 75.052 ng  
 RT: 7.081 min Scan# 645  
 Delta R.T. -0.006 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

Tgt Ion: 99 Resp: 1372913

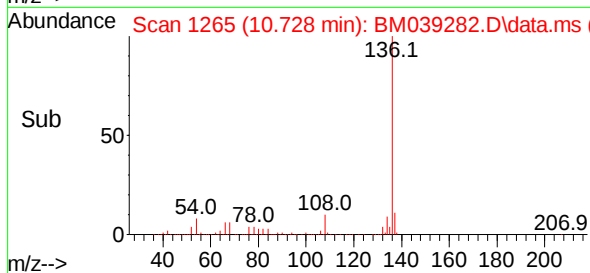
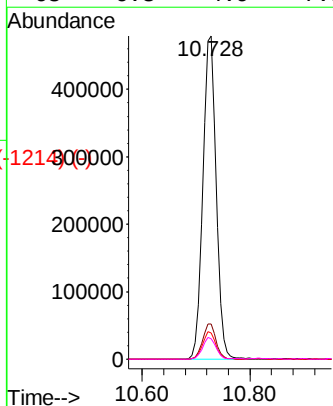
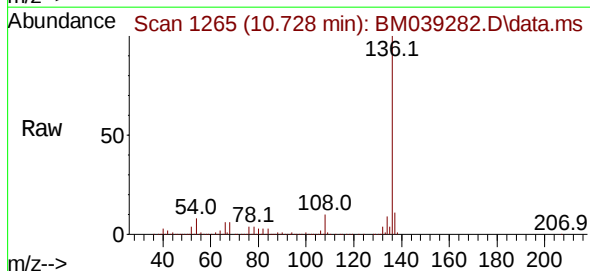
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 13.0  | 19.6  |
| 71  | 32.0  | 25.5  | 38.3  |

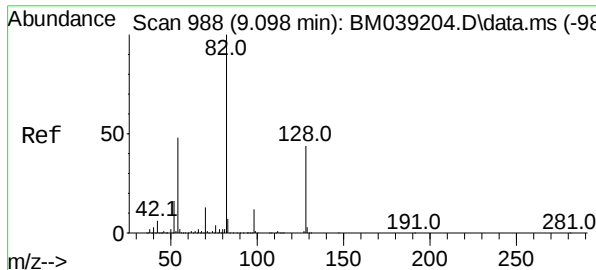


Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.728 min Scan# 1265  
 Delta R.T. -0.000 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

Tgt Ion: 136 Resp: 813987

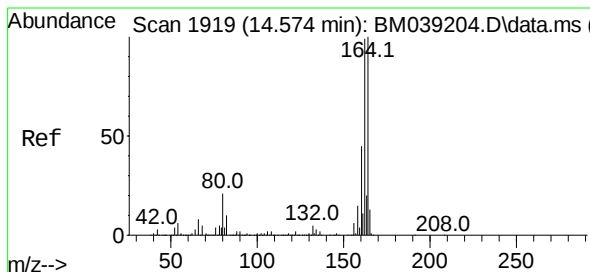
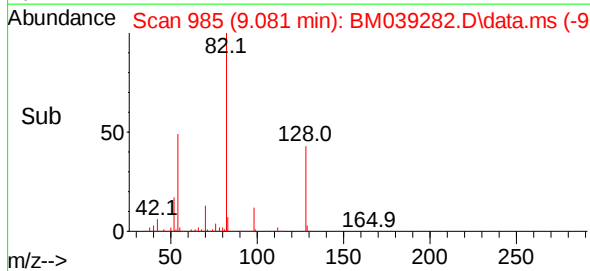
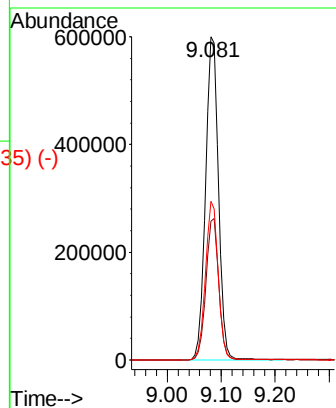
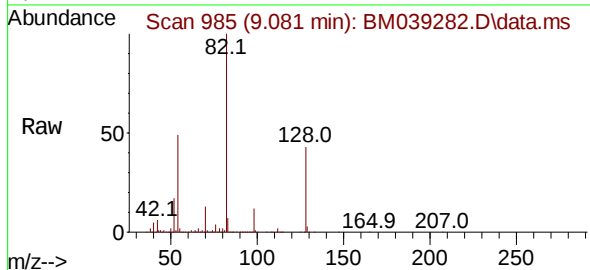
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.9   | 13.3  |
| 54  | 8.1   | 6.2   | 9.4   |
| 68  | 6.3   | 4.9   | 7.3   |





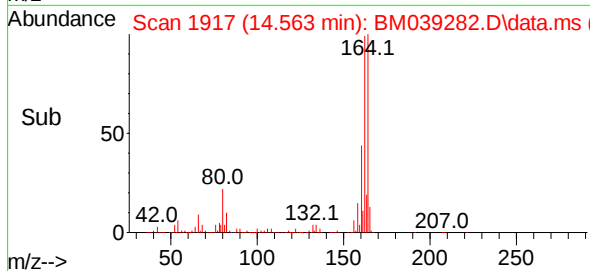
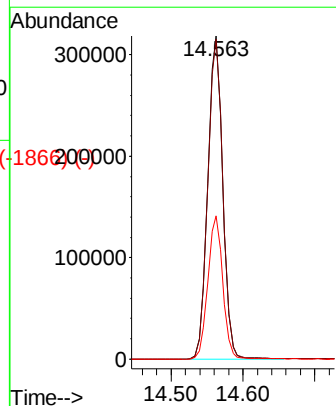
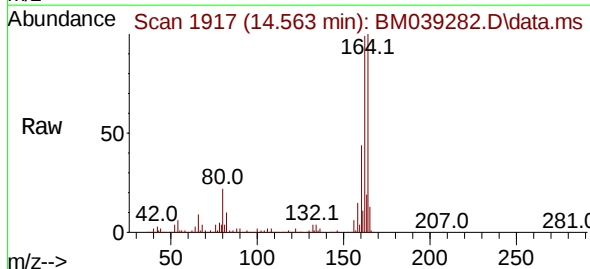
Nitrobenzene-d5  
Concen: 59.076 ng  
RT: 9.081 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 989396 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.0  | 35.1  | 52.7   |
| 54       | 49.1  | 38.5  | 57.7   |



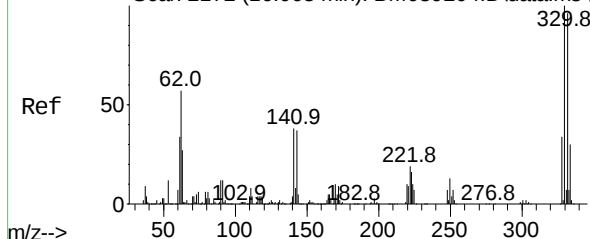
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 460433 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 99.0  | 79.1  | 118.7  |
| 160      | 44.4  | 35.8  | 53.8   |

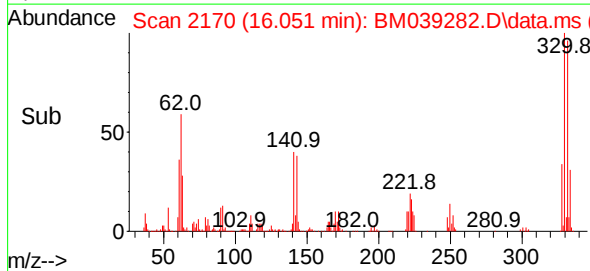
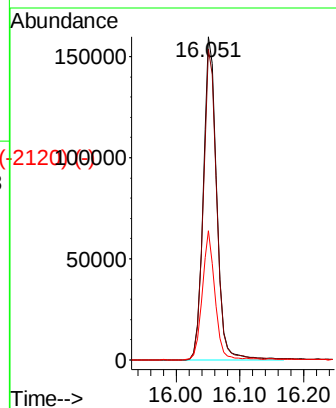
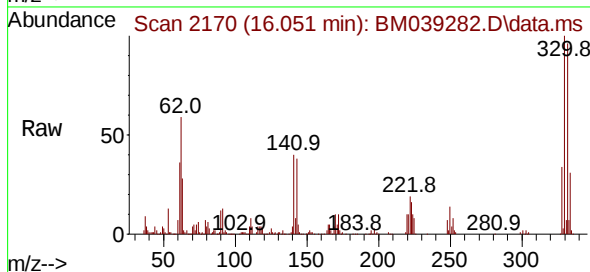


Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2172) (-)

2,4,6-Tribromophenol  
Concen: 40.196 ng  
RT: 16.051 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58

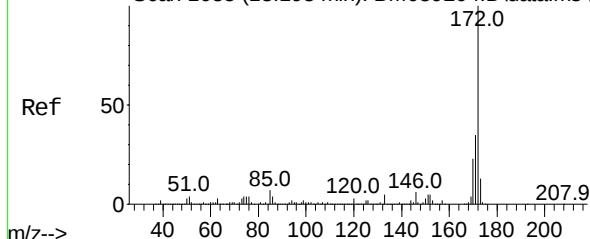


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 234935 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 97.1  | 77.4  | 116.0  |
| 141      | 38.1  | 29.8  | 44.6   |

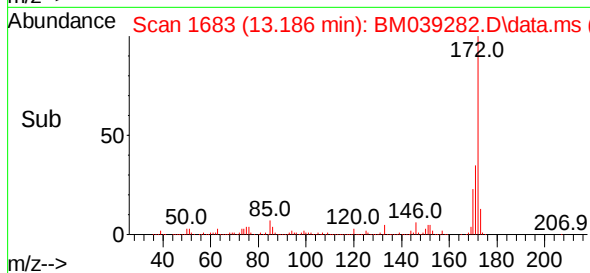
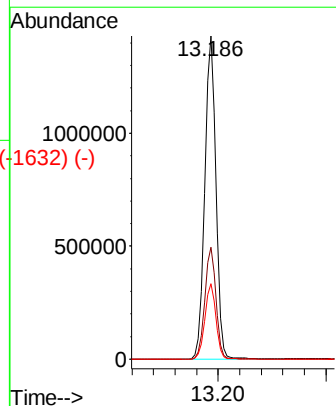
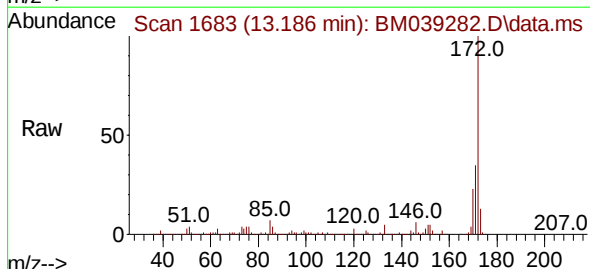


Abundance Scan 1685 (13.198 min): BM039204.D\data.ms (-1685) (-)

2-Fluorobiphenyl  
Concen: 59.851 ng  
RT: 13.186 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58

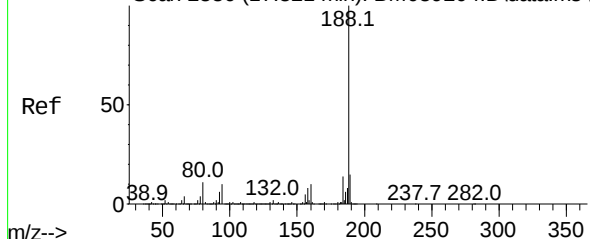


|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2033878 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 34.7  | 28.0  | 42.0    |
| 170      | 23.4  | 18.7  | 28.1    |

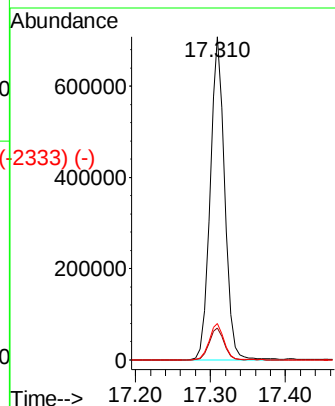
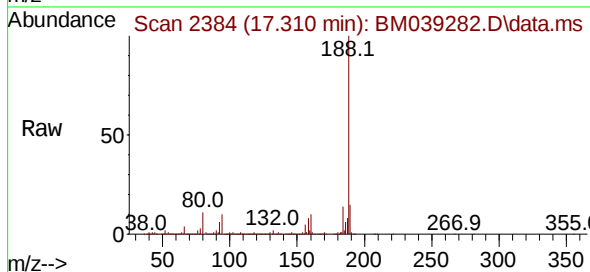


Abundance Scan 2386 (17.321 min): BM039204.D\data.ms (-2386) (-)

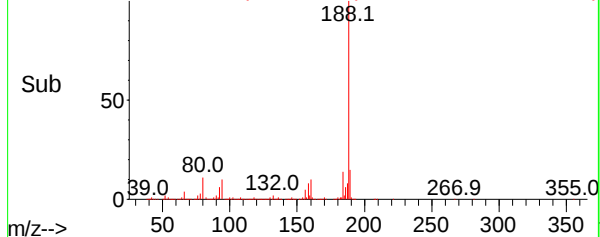
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2384  
Delta R.T. -0.000 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 962061 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.9   | 8.2   | 12.4   |
| 80       | 11.2  | 8.9   | 13.3   |

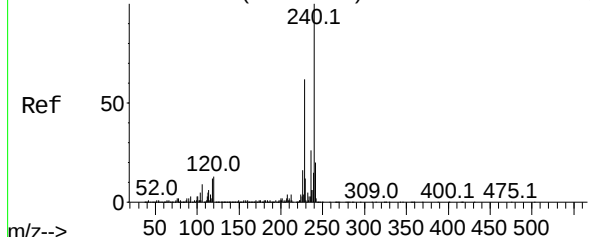


Abundance Scan 2384 (17.310 min): BM039282.D\data.ms (-2333) (-)

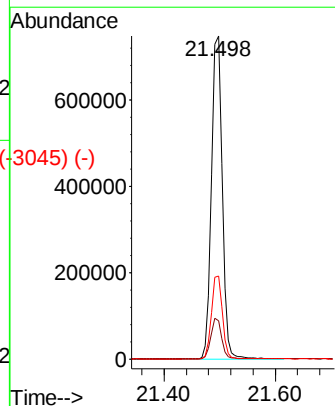
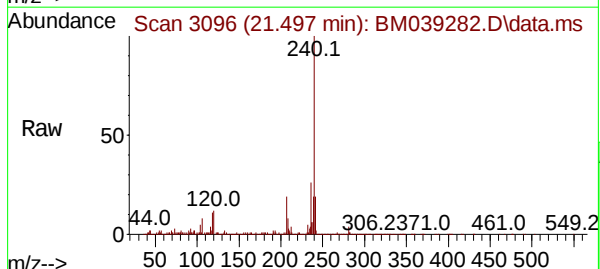


Abundance Scan 3097 (21.503 min): BM039204.D\data.ms (-3079) (-)

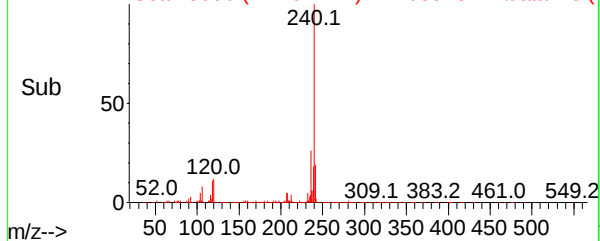
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.497 min Scan# 3096  
Delta R.T. -0.000 min  
Lab File: BM039282.D  
Acq: 03 Apr 2023 16:58

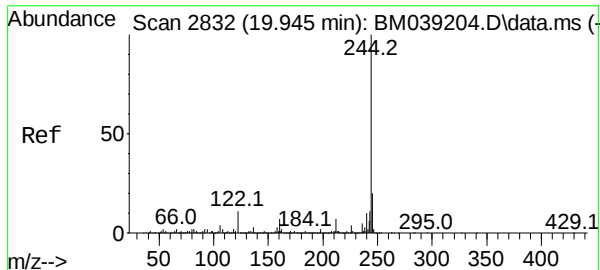


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 991559 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 11.9  | 10.2  | 15.2   |
| 236      | 25.7  | 20.9  | 31.3   |



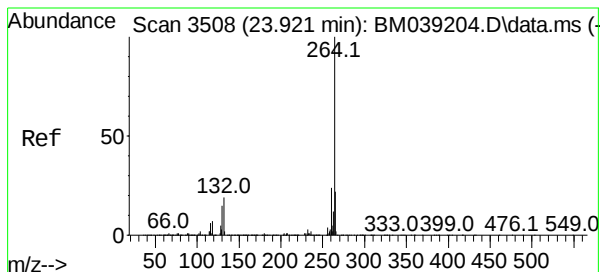
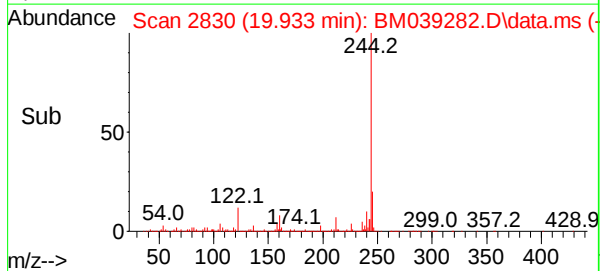
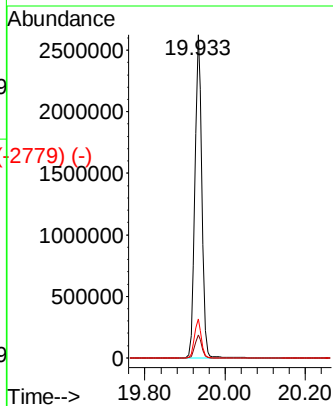
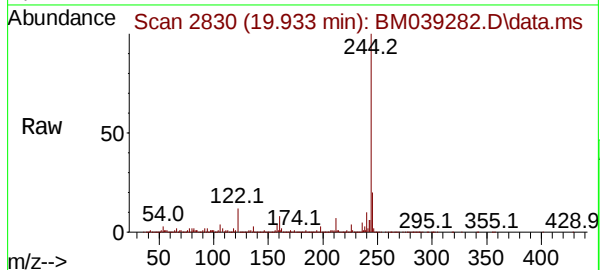
Abundance Scan 3096 (21.497 min): BM039282.D\data.ms (-3045) (-)





Terphenyl-d14  
 Concen: 58.432 ng  
 RT: 19.933 min Scan# 2830  
 Delta R.T. -0.000 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3135964 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.1   | 5.6   | 8.4     |
| 122      | 12.1  | 9.1   | 13.7    |



Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.909 min Scan# 3506  
 Delta R.T. 0.006 min  
 Lab File: BM039282.D  
 Acq: 03 Apr 2023 16:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 264   | Resp: | 1209896 |
| Ion      | Ratio | Lower | Upper   |
| 264      | 100   |       |         |
| 260      | 23.2  | 19.0  | 28.6    |
| 265      | 22.1  | 18.1  | 27.1    |

