

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042221\  
 Data File : BM029603.D  
 Acq On : 22 Apr 2021 20:44  
 Operator : CG/JU  
 Sample : M2106-12  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-25-9.5-10.0

Quant Time: Apr 23 02:25:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 22 15:55:11 2021  
 Response via : Initial Calibration

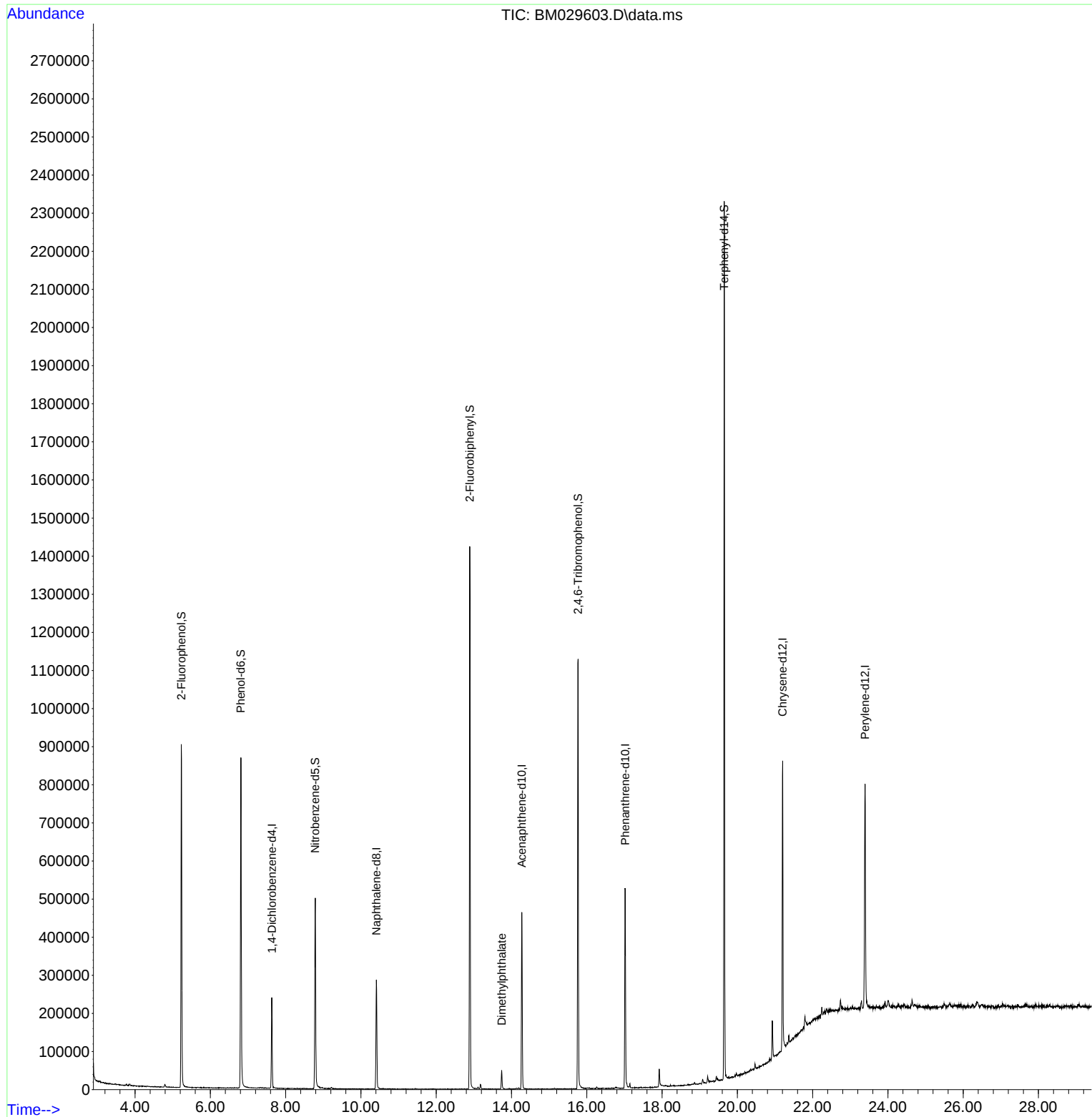
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.634  | 152  | 64760    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.410 | 136  | 232860   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.275 | 164  | 155096   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.021 | 188  | 331523   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.203 | 240  | 365644   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.392 | 264  | 398577   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.228  | 112  | 355485   | 110.05 | ng    | 0.00         |
| 7) Phenol-d6                | 6.810  | 99   | 447649   | 92.78  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.787  | 82   | 293533   | 64.92  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 15.769 | 330  | 194171   | 90.53  | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 12.892 | 172  | 722950   | 63.27  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.651 | 244  | 945369   | 49.02  | ng    | 0.00         |
| Target Compounds            |        |      |          |        |       |              |
| 50) Dimethylphthalate       | 13.739 | 163  | 33749    | 2.88   | ng    | Qvalue<br>99 |
| -----                       |        |      |          |        |       |              |

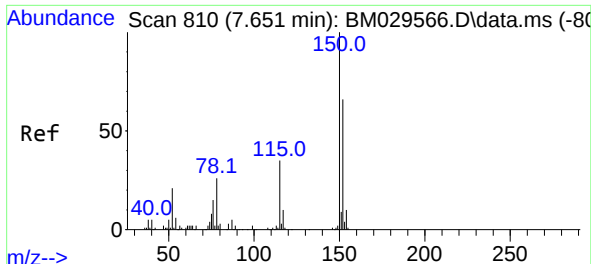
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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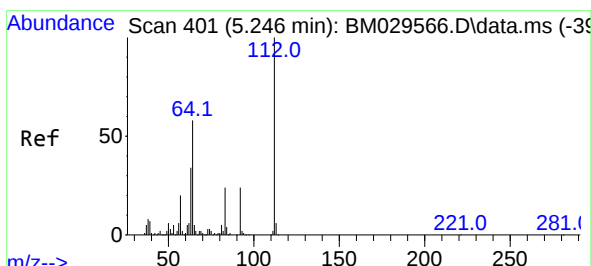
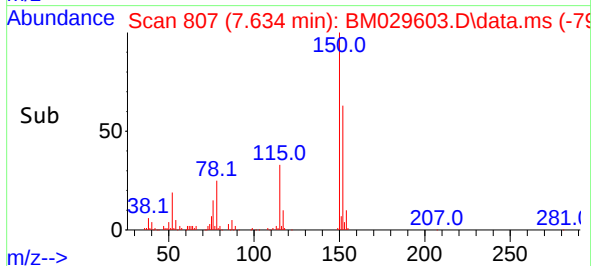
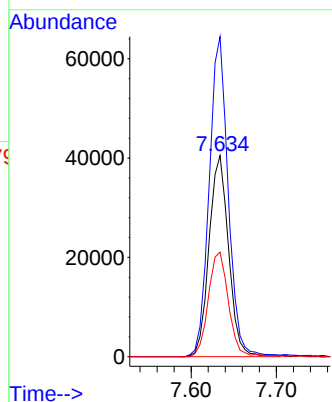
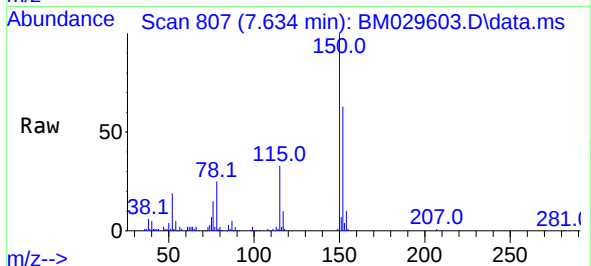




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.634 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

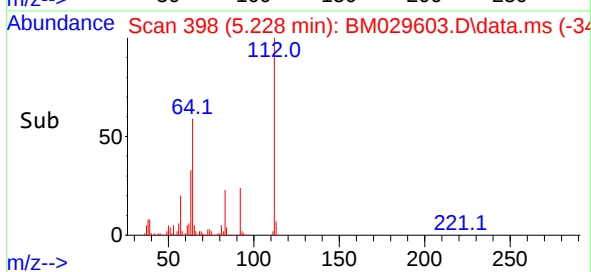
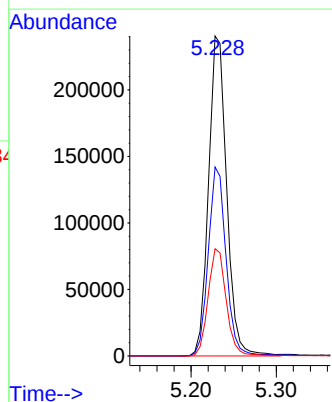
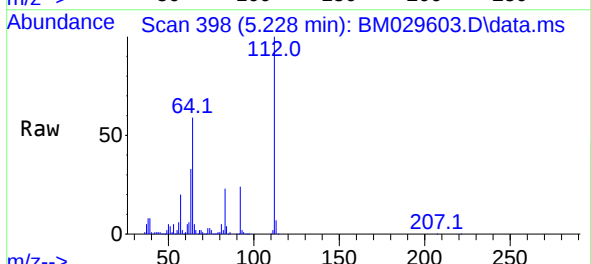
Instrument :  
BNA\_M  
ClientSampleId :  
SB-25-9.5-10.0

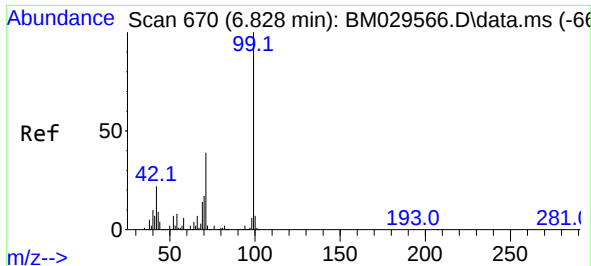
Tgt Ion:152 Resp: 64760  
Ion Ratio Lower Upper  
152 100  
150 159.1 125.9 188.9  
115 52.0 44.6 67.0



#5  
2-Fluorophenol  
Concen: 110.05 ng  
RT: 5.228 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Tgt Ion:112 Resp: 355485  
Ion Ratio Lower Upper  
112 100  
64 59.0 47.1 70.7  
63 33.5 27.3 40.9



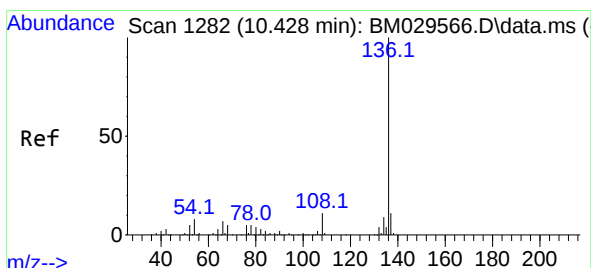
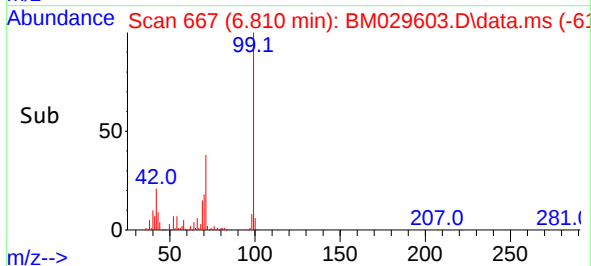
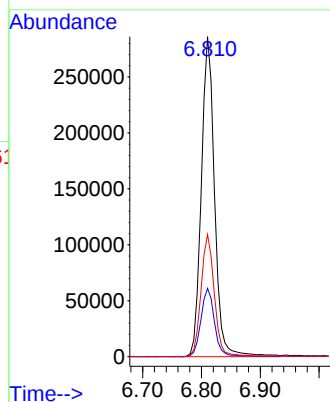
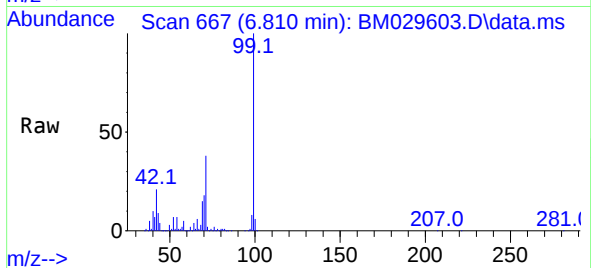


#7  
Phenol-d6  
Concen: 92.78 ng  
RT: 6.810 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-25-9.5-10.0

Tgt Ion: 99 Resp: 447649

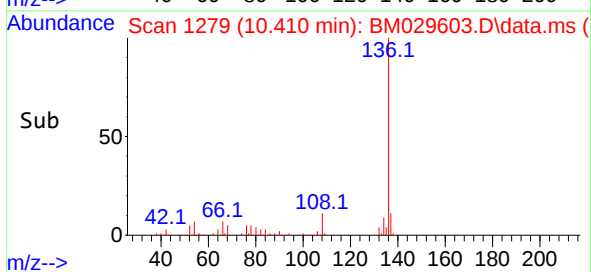
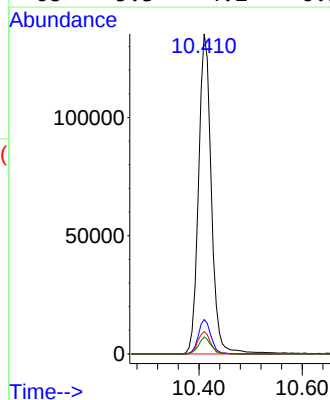
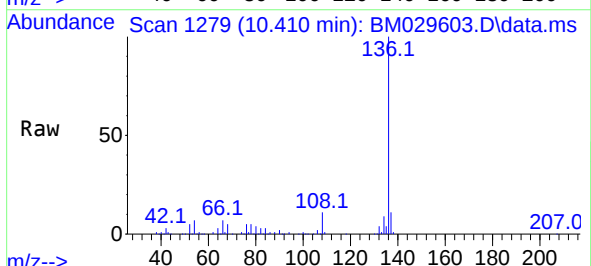
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.4  | 18.0  | 27.0  |
| 71  | 38.2  | 30.9  | 46.3  |

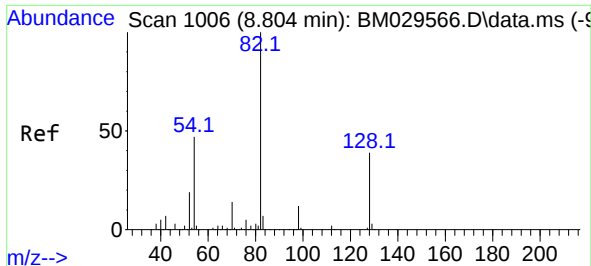


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.410 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Tgt Ion: 136 Resp: 232860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.4   | 12.6  |
| 54  | 7.0   | 5.5   | 8.3   |
| 68  | 5.3   | 4.2   | 6.2   |

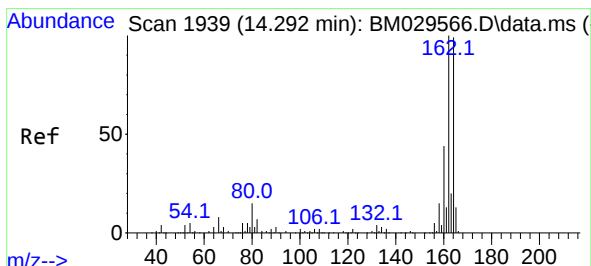
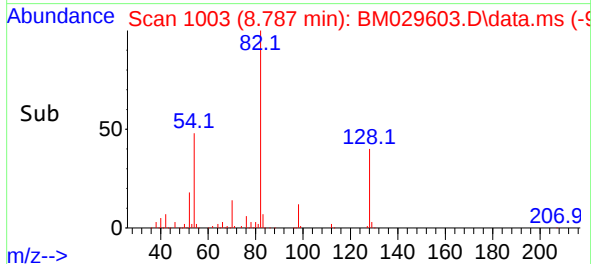
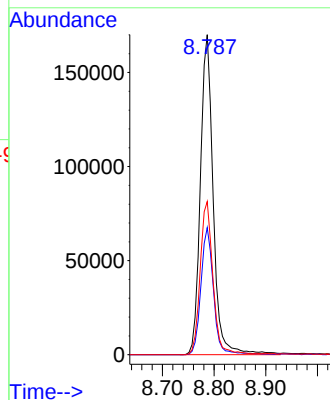
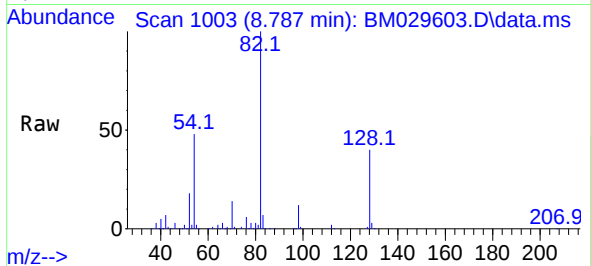




#23  
Nitrobenzene-d5  
Concen: 64.92 ng  
RT: 8.787 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

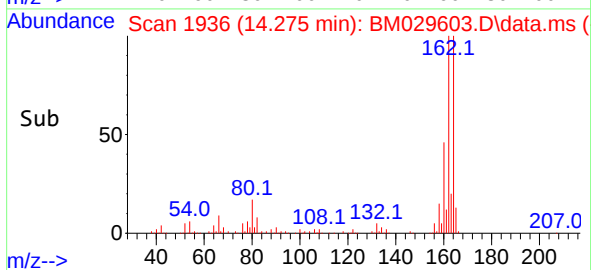
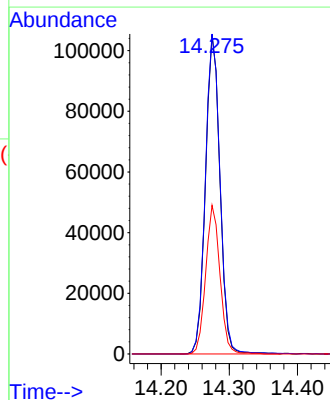
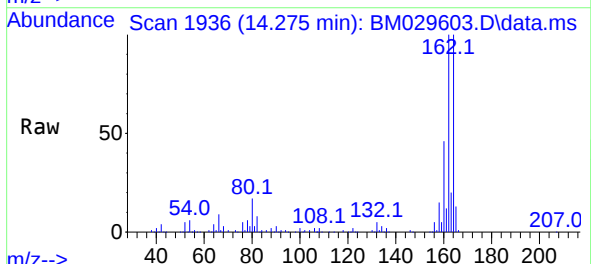
Instrument :  
BNA\_M  
ClientSampleId :  
SB-25-9.5-10.0

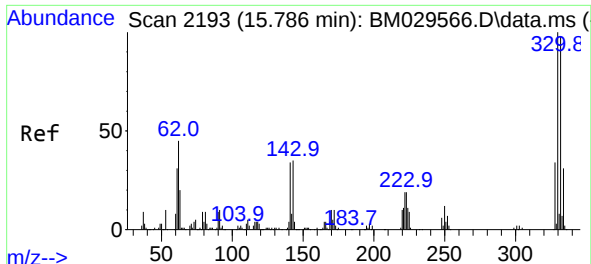
Tgt Ion: 82 Resp: 293533  
Ion Ratio Lower Upper  
82 100  
128 39.7 31.1 46.7  
54 47.9 37.3 55.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.275 min Scan# 1936  
Delta R.T. -0.006 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Tgt Ion:164 Resp: 155096  
Ion Ratio Lower Upper  
164 100  
162 100.4 83.4 125.0  
160 46.6 37.2 55.8

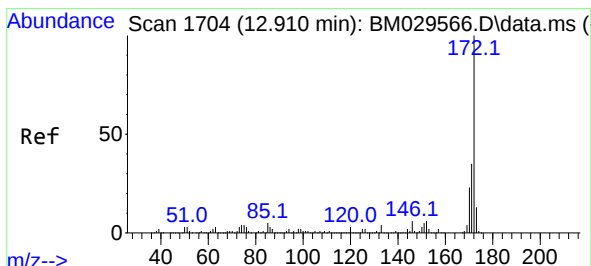
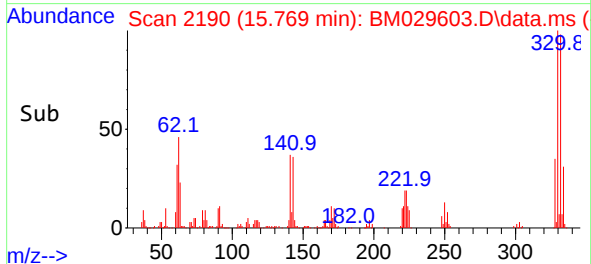
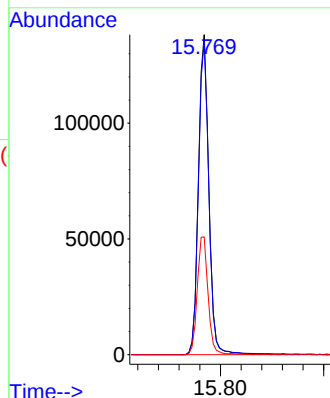
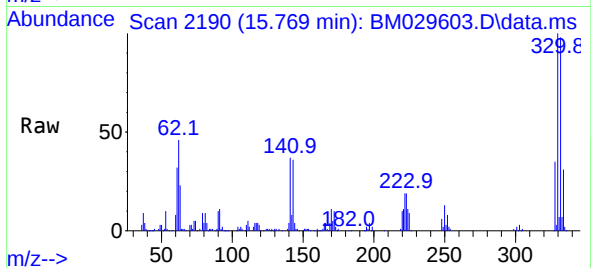




#42  
2,4,6-Tribromophenol  
Concen: 90.53 ng  
RT: 15.769 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

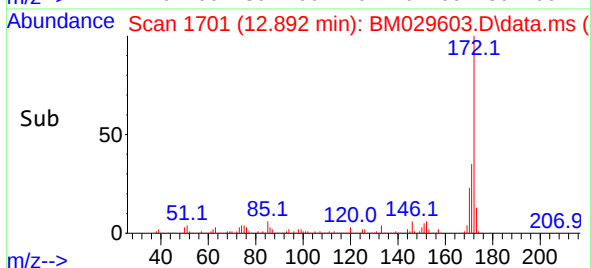
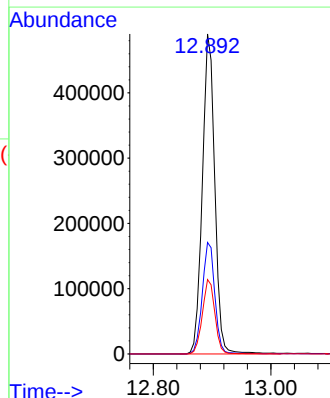
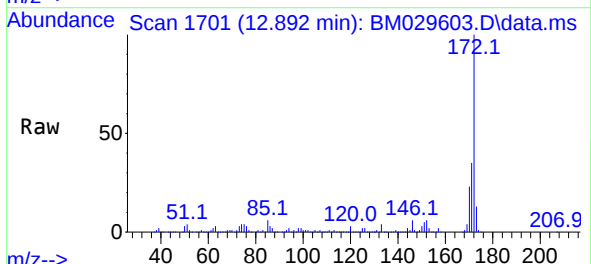
Instrument :  
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SB-25-9.5-10.0

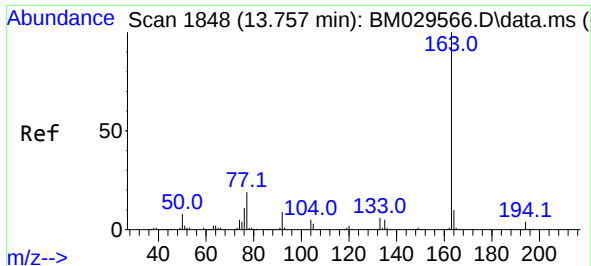
Tgt Ion:330 Resp: 194171  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.4  
141 38.1 30.2 45.2



#45  
2-Fluorobiphenyl  
Concen: 63.27 ng  
RT: 12.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Tgt Ion:172 Resp: 722950  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.6 43.0  
170 23.3 18.4 27.6

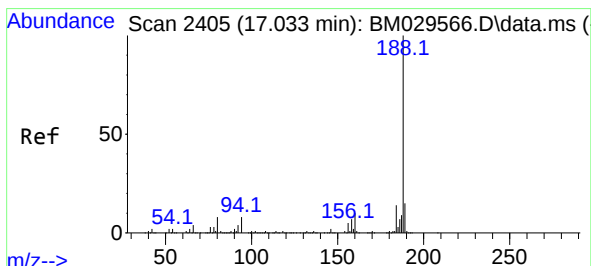
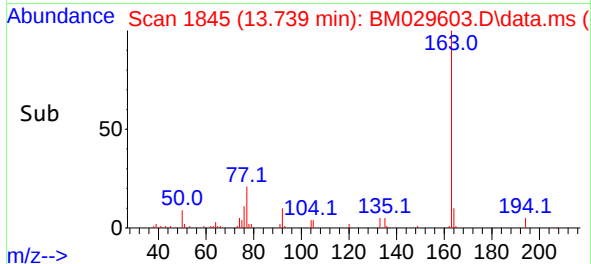
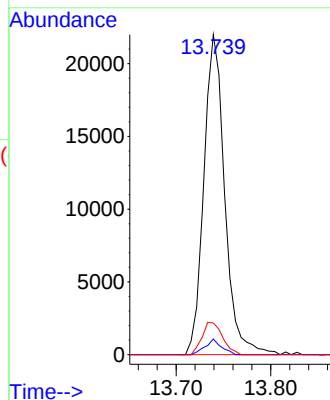
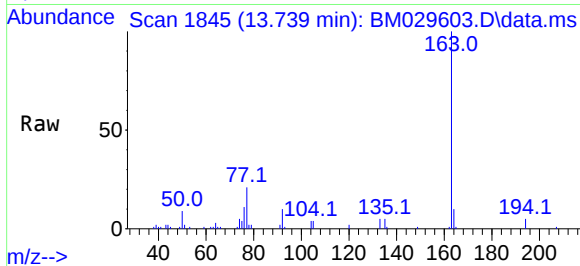




#50  
Dimethylphthalate  
Concen: 2.88 ng  
RT: 13.739 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

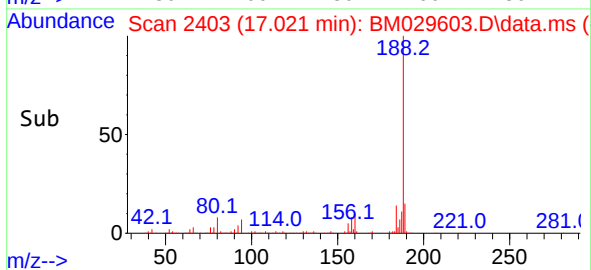
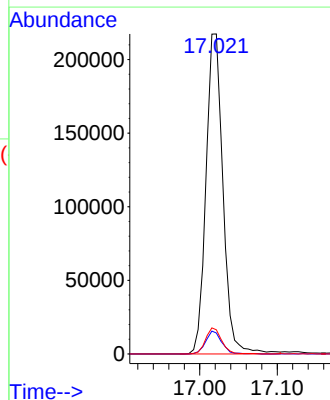
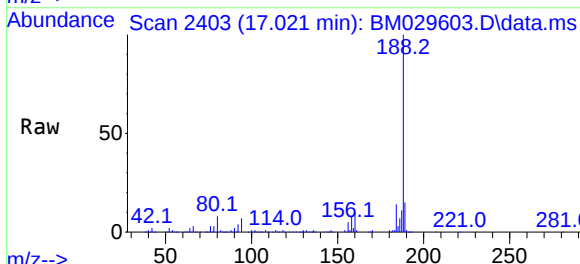
Instrument :  
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ClientSampleId :  
SB-25-9.5-10.0

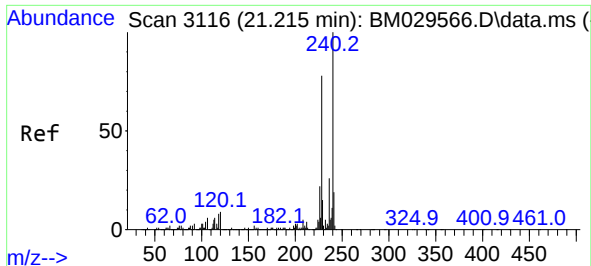
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|-------------|-------|----------|
| Tgt Ion:163 | Resp: | 33749    |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 4.9   | 3.3 4.9  |
| 164         | 9.9   | 7.9 11.9 |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.021 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:188 | Resp: | 331523  |
| Ion Ratio   | Lower | Upper   |
| 188         | 100   |         |
| 94          | 6.6   | 6.0 9.0 |
| 80          | 7.5   | 6.6 9.8 |

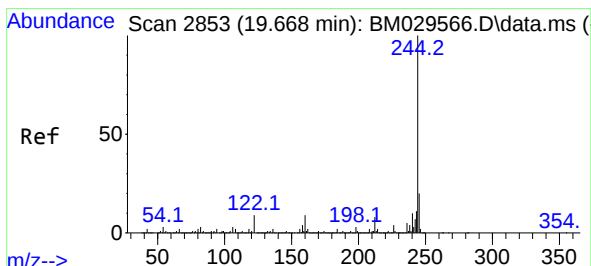
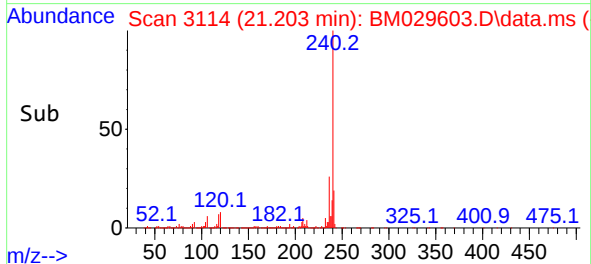
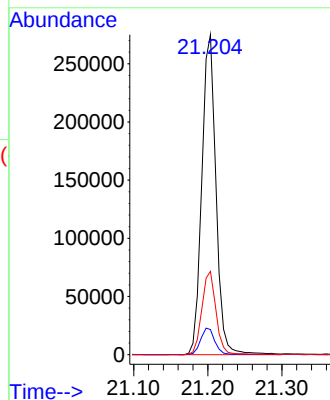
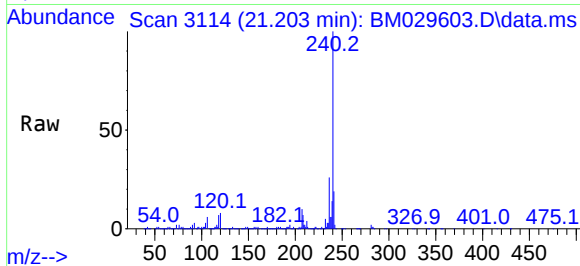




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.203 min Scan# 3114  
Delta R.T. 0.000 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

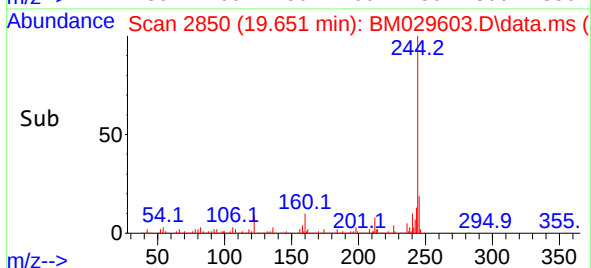
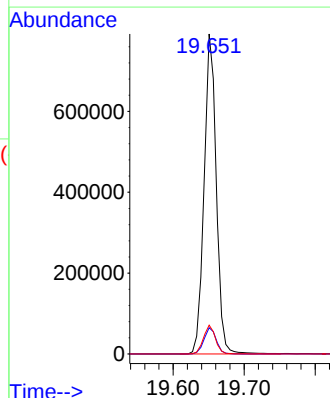
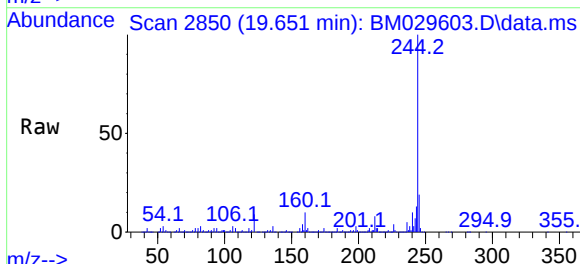
Instrument :  
BNA\_M  
ClientSampleId :  
SB-25-9.5-10.0

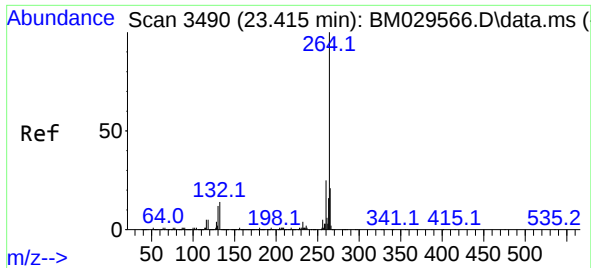
Tgt Ion:240 Resp: 365644  
Ion Ratio Lower Upper  
240 100  
120 7.9 7.0 10.6  
236 26.1 21.0 31.4



#79  
Terphenyl-d14  
Concen: 49.02 ng  
RT: 19.651 min Scan# 2850  
Delta R.T. -0.006 min  
Lab File: BM029603.D  
Acq: 22 Apr 2021 20:44

Tgt Ion:244 Resp: 945369  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.3 9.5  
122 9.0 6.9 10.3





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.392 min Scan# 3486  
 Delta R.T. 0.000 min  
 Lab File: BM029603.D  
 Acq: 22 Apr 2021 20:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-25-9.5-10.0

Tgt Ion:264 Resp: 398577  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.8  | 29.8  |
| 265 | 21.4  | 17.7  | 26.5  |

