

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042621\  
 Data File : BM029650.D  
 Acq On : 26 Apr 2021 15:03  
 Operator : CG/JU  
 Sample : PB135980BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135980BL

Quant Time: Apr 26 15:48:23 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   | 7.622  | 152  | 54772    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.398 | 136  | 192186   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.263 | 164  | 131911   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.010 | 188  | 272582   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.192 | 240  | 257218   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.380 | 264  | 267865   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.216  | 112  | 413219   | 151.25 | ng    | -0.01    |
| 7) Phenol-d6                | 6.798  | 99   | 520767   | 127.62 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.775  | 82   | 329382   | 88.27  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.757 | 330  | 231616   | 126.96 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.886 | 172  | 911706   | 93.81  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.645 | 244  | 1274117  | 93.91  | ng    | -0.01    |

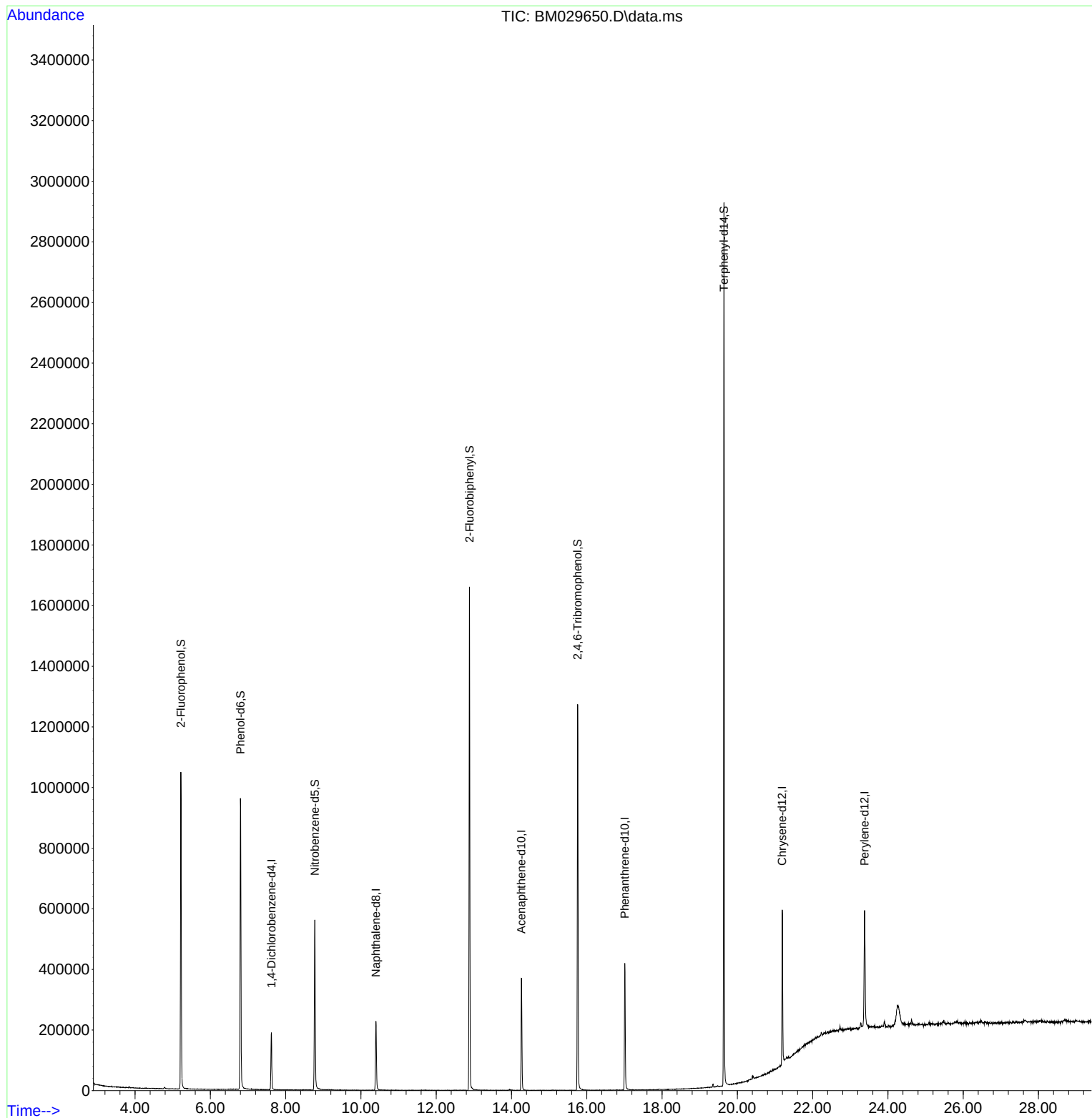
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

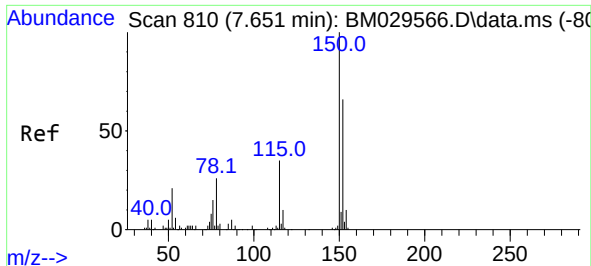
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042621\  
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Sample : PB135980BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Apr 26 15:48:23 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

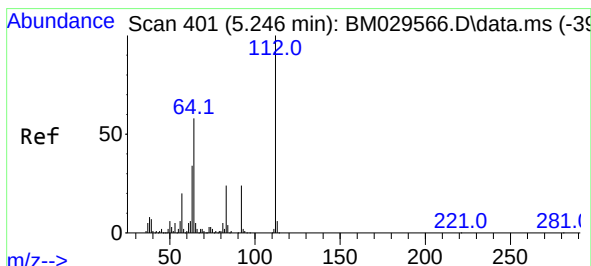
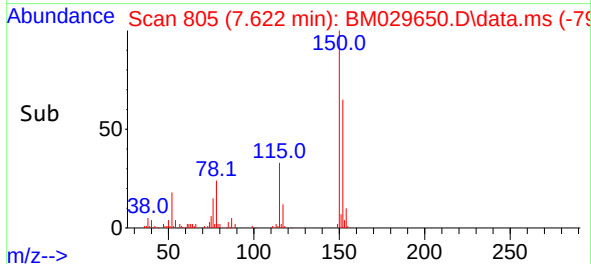
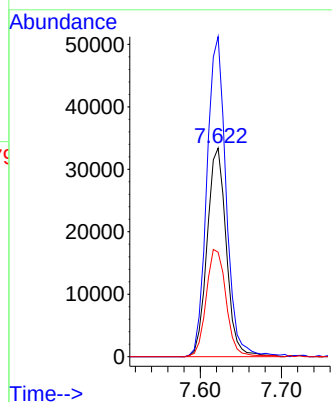
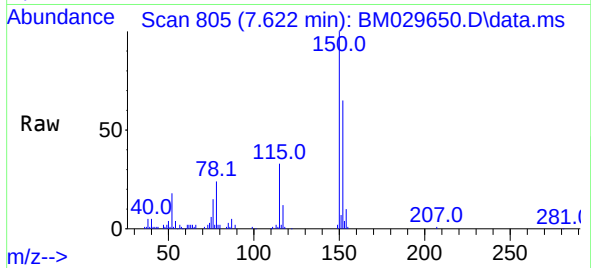




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.622 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

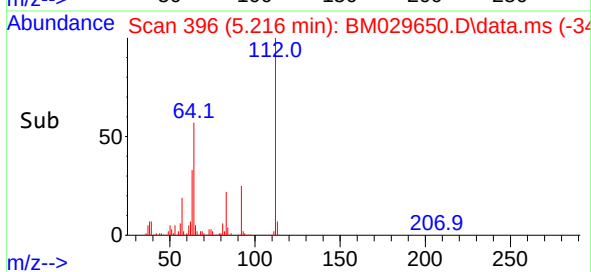
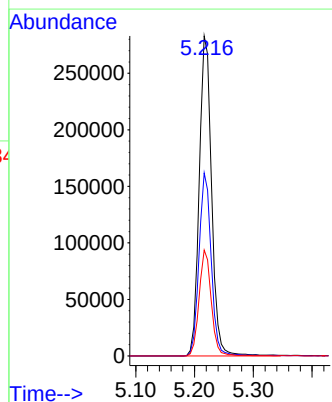
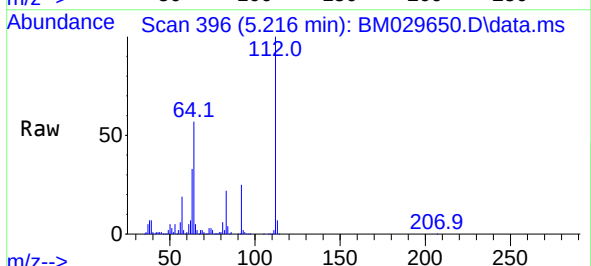
Instrument :  
BNA\_M  
ClientSampleId :  
PB135980BL

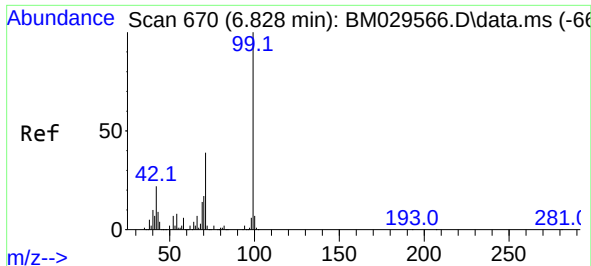
Tgt Ion:152 Resp: 54772  
Ion Ratio Lower Upper  
152 100  
150 153.3 125.9 188.9  
115 50.0 44.6 67.0



#5  
2-Fluorophenol  
Concen: 151.25 ng  
RT: 5.216 min Scan# 396  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

Tgt Ion:112 Resp: 413219  
Ion Ratio Lower Upper  
112 100  
64 57.2 47.1 70.7  
63 33.1 27.3 40.9



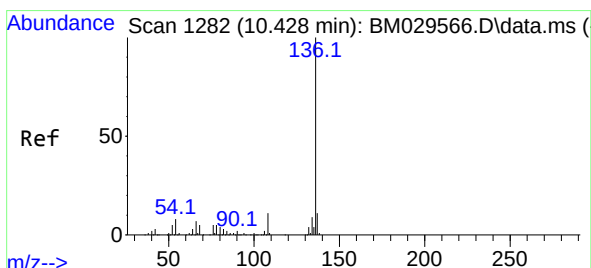
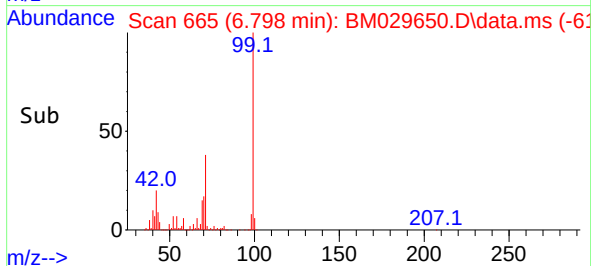
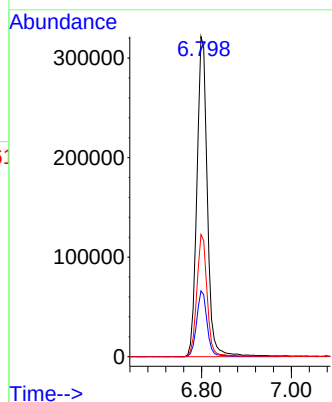
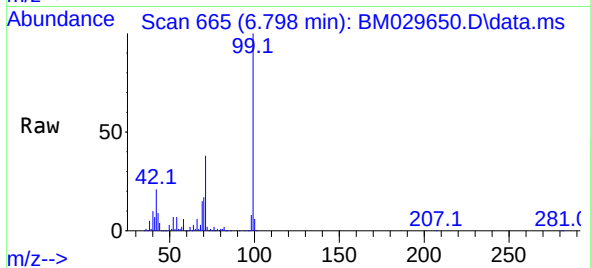


#7  
Phenol-d6  
Concen: 127.62 ng  
RT: 6.798 min Scan# 665  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB135980BL

Tgt Ion: 99 Resp: 520767  

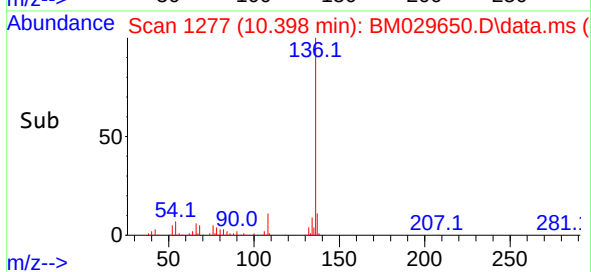
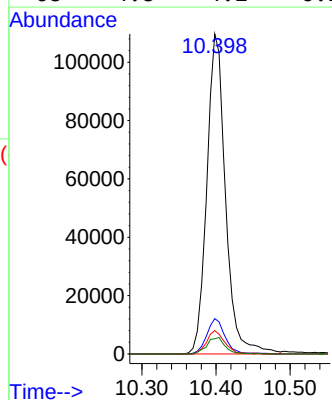
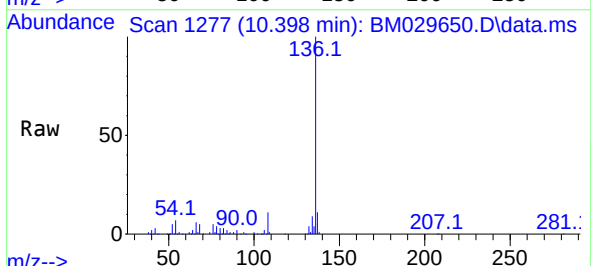
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.6  | 18.0  | 27.0  |
| 71  | 38.2  | 30.9  | 46.3  |

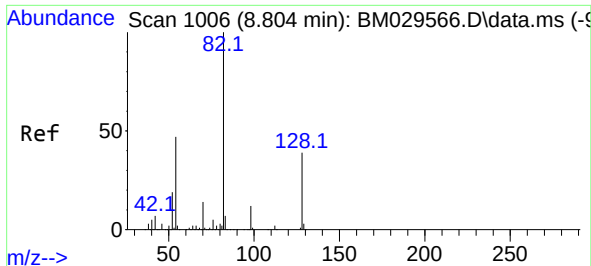


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.398 min Scan# 1277  
Delta R.T. -0.018 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

Tgt Ion:136 Resp: 192186  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.4   | 12.6  |
| 54  | 7.3   | 5.5   | 8.3   |
| 68  | 4.8   | 4.2   | 6.2   |

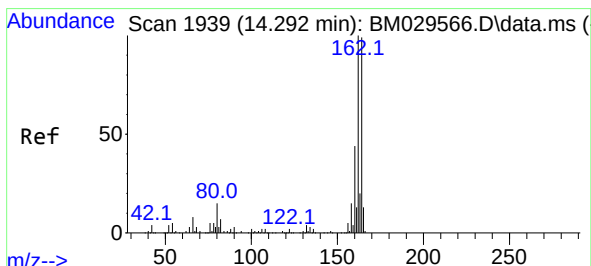
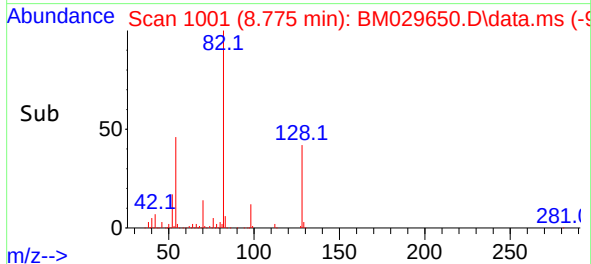
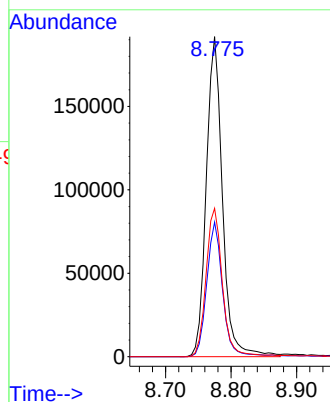
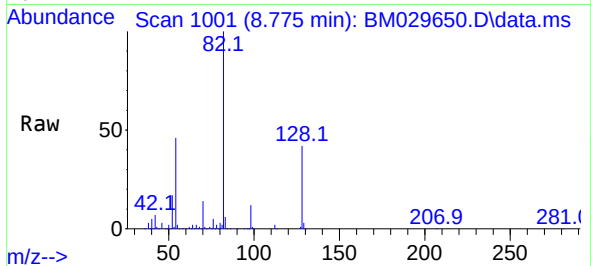




#23  
Nitrobenzene-d5  
Concen: 88.27 ng  
RT: 8.775 min Scan# 1001  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

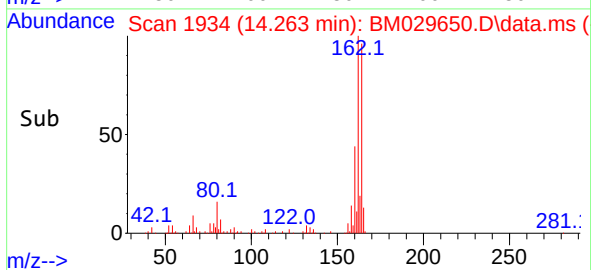
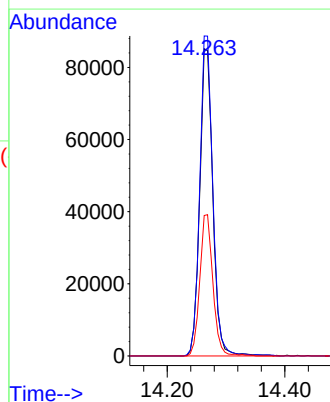
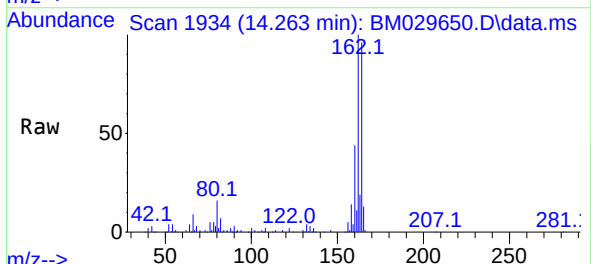
Instrument :  
BNA\_M  
ClientSampleId :  
PB135980BL

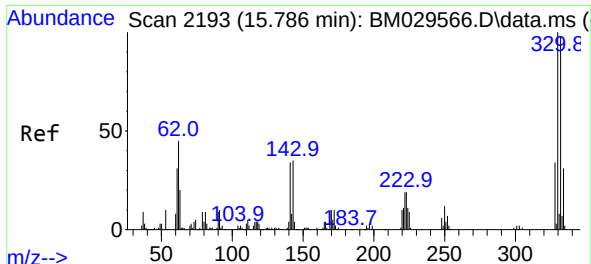
Tgt Ion: 82 Resp: 329382  
Ion Ratio Lower Upper  
82 100  
128 42.0 31.1 46.7  
54 46.4 37.3 55.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.263 min Scan# 1934  
Delta R.T. -0.018 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

Tgt Ion:164 Resp: 131911  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.4 125.0  
160 45.7 37.2 55.8

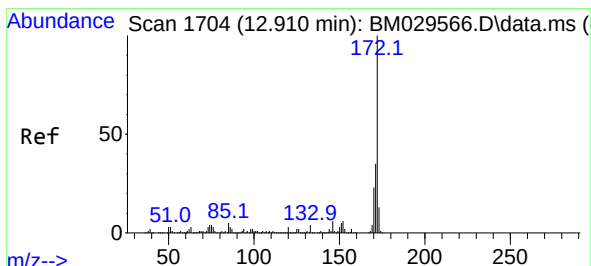
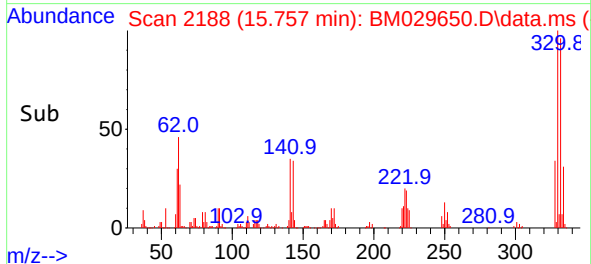
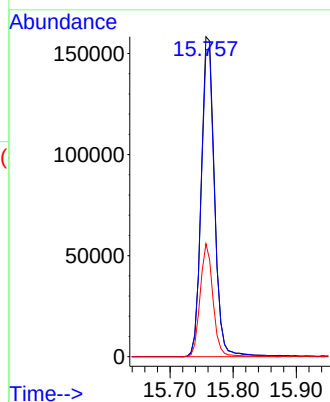
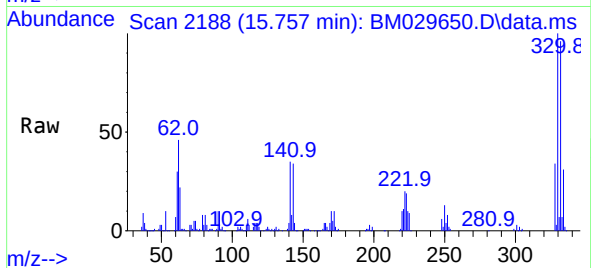




#42  
2,4,6-Tribromophenol  
Concen: 126.96 ng  
RT: 15.757 min Scan# 2188  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

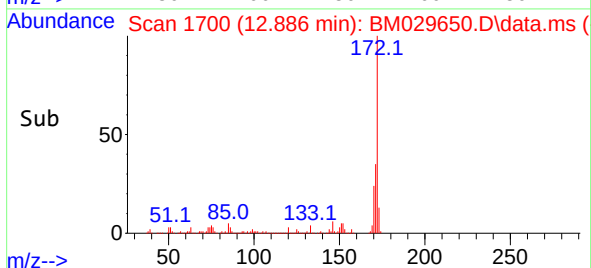
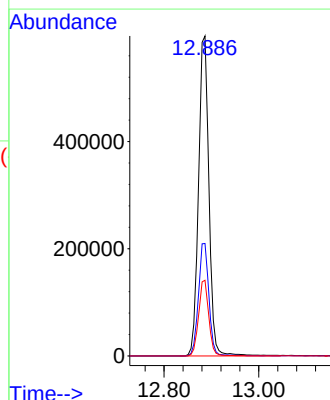
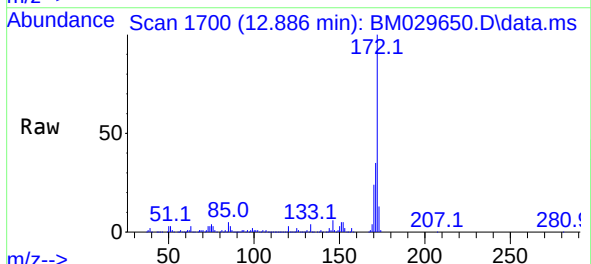
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PB135980BL

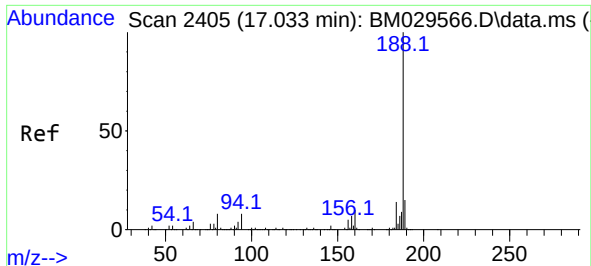
Tgt Ion:330 Resp: 231616  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 33.9 30.2 45.2



#45  
2-Fluorobiphenyl  
Concen: 93.81 ng  
RT: 12.886 min Scan# 1700  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

Tgt Ion:172 Resp: 911706  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 43.0  
170 23.7 18.4 27.6

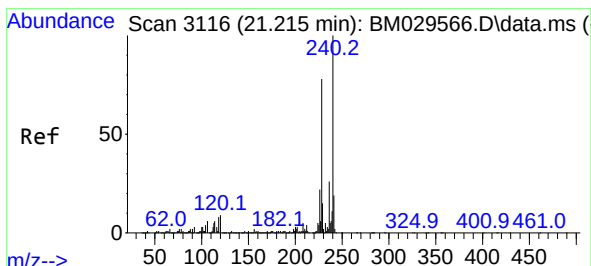
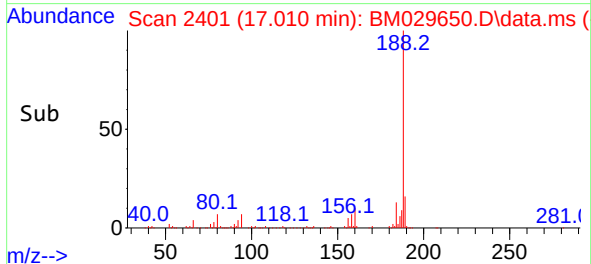
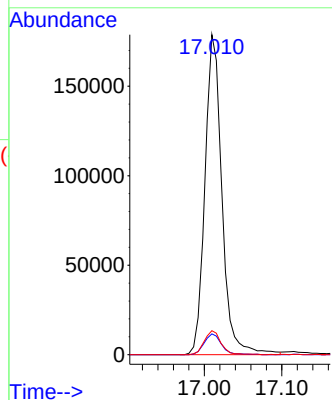
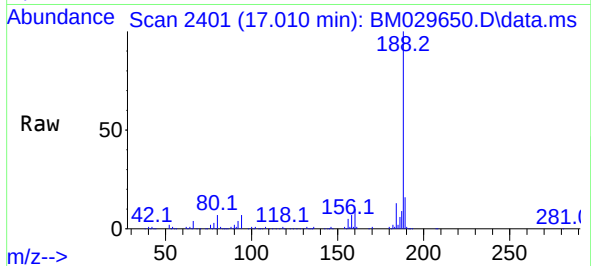




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.010 min Scan# 2401  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

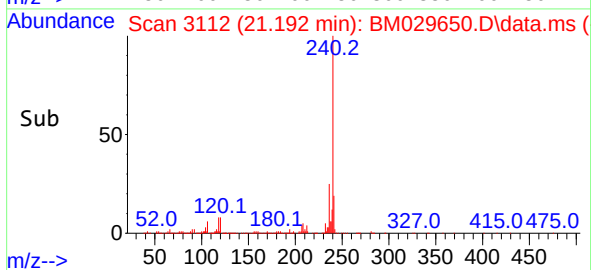
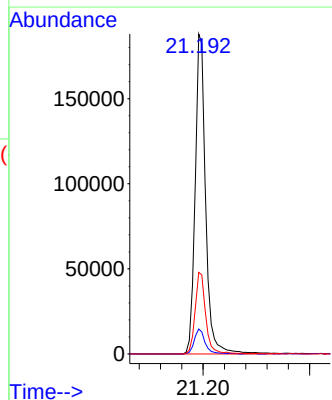
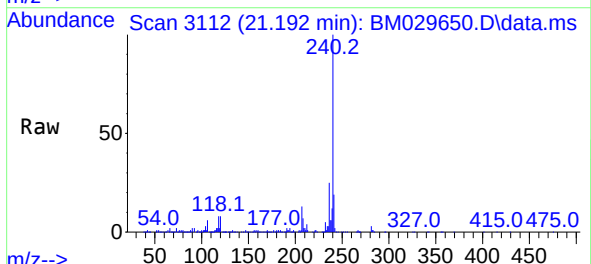
Instrument :  
BNA\_M  
ClientSampleId :  
PB135980BL

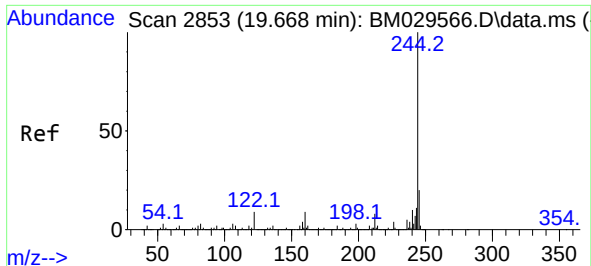
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|-------------|-------|---------|
| Tgt Ion:188 | Resp: | 272582  |
| Ion Ratio   | Lower | Upper   |
| 188         | 100   |         |
| 94          | 6.5   | 6.0 9.0 |
| 80          | 7.5   | 6.6 9.8 |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.192 min Scan# 3112  
Delta R.T. -0.012 min  
Lab File: BM029650.D  
Acq: 26 Apr 2021 15:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 257218    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 7.8   | 7.0 10.6  |
| 236         | 25.5  | 21.0 31.4 |

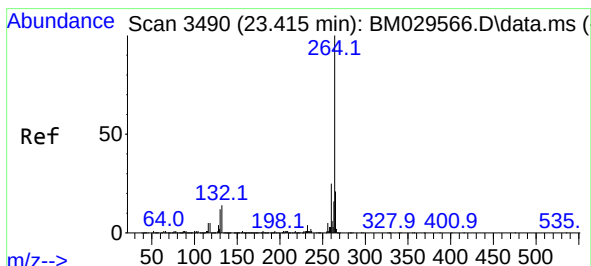
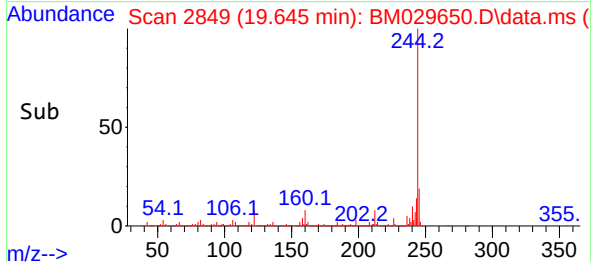
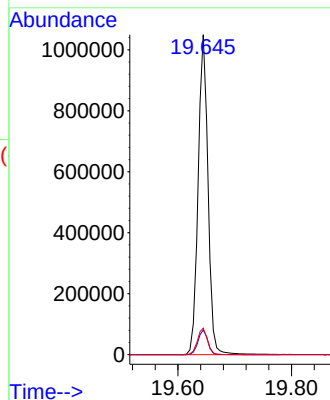
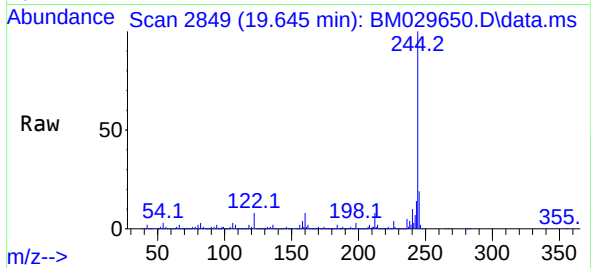




#79  
 Terphenyl-d14  
 Concen: 93.91 ng  
 RT: 19.645 min Scan# 2849  
 Delta R.T. -0.012 min  
 Lab File: BM029650.D  
 Acq: 26 Apr 2021 15:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135980BL

Tgt Ion:244 Resp: 1274117  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.3 9.5  
 122 8.3 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.380 min Scan# 3484  
 Delta R.T. -0.012 min  
 Lab File: BM029650.D  
 Acq: 26 Apr 2021 15:03

Tgt Ion:264 Resp: 267865  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.8 29.8  
 265 21.6 17.7 26.5

