

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033021\  
 Data File : BM029275.D  
 Acq On : 30 Mar 2021 18:12  
 Operator : CG/JU  
 Sample : M1812-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

Quant Time: Mar 30 18:47:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.745  | 152  | 105173   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.528 | 136  | 401115   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.374 | 164  | 241524   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.109 | 188  | 466304   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.280 | 240  | 441377   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.515 | 264  | 479362   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.346  | 112  | 671713   | 110.09 | ng    | 0.00     |
| 7) Phenol-d6                | 6.916  | 99   | 872833   | 99.69  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.892  | 82   | 605769   | 73.32  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.857 | 330  | 233985   | 104.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.998 | 172  | 1201176  | 70.54  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.733 | 244  | 1558059  | 70.92  | ng    | 0.00     |

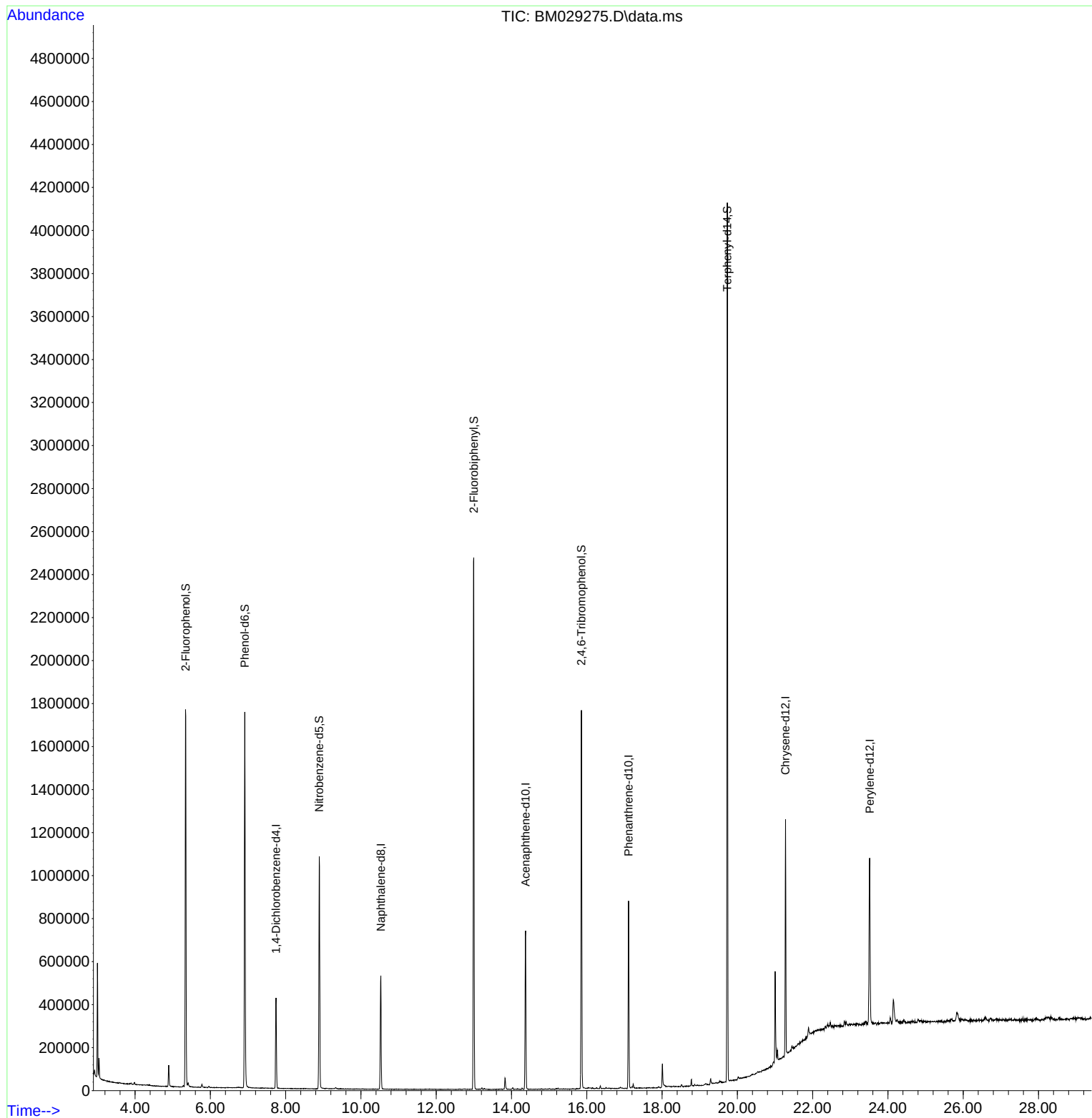
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

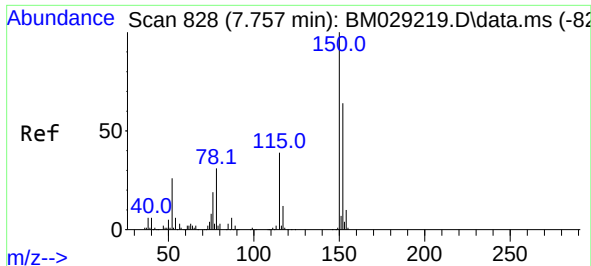
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033021\  
Data File : BM029275.D  
Acq On : 30 Mar 2021 18:12  
Operator : CG/JU  
Sample : M1812-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

Quant Time: Mar 30 18:47:36 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 29 11:14:33 2021  
Response via : Initial Calibration

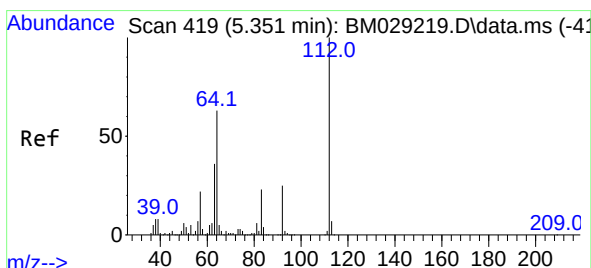
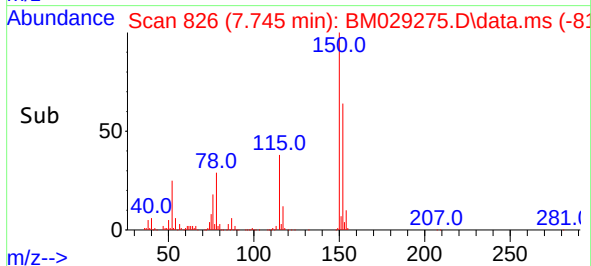
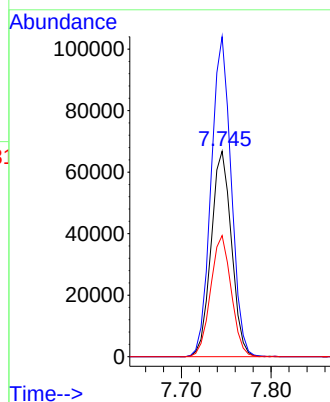
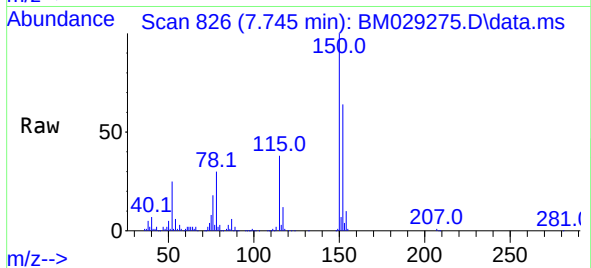




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.745 min Scan# 826  
Delta R.T. -0.007 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

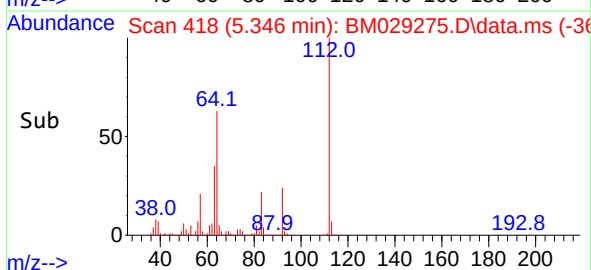
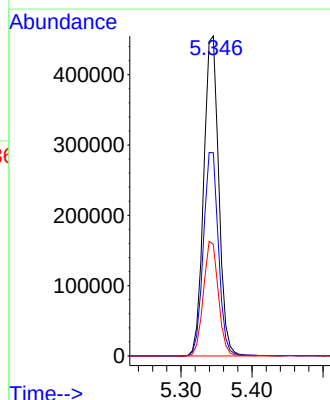
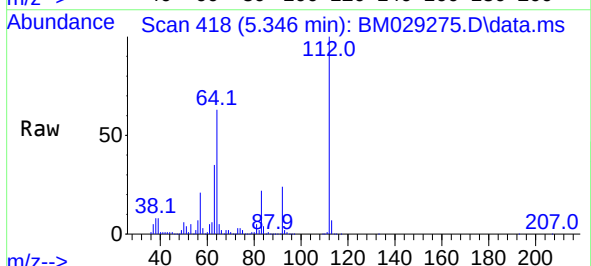
Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

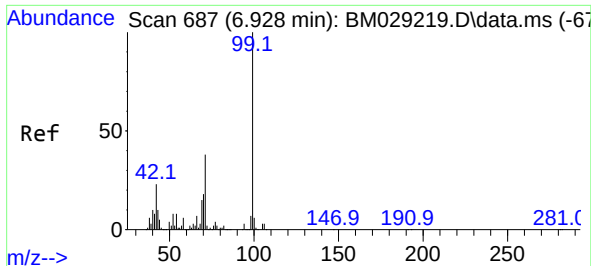
Tgt Ion:152 Resp: 105173  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.3 186.5  
115 58.9 46.4 69.6



#5  
2-Fluorophenol  
Concen: 110.09 ng  
RT: 5.346 min Scan# 418  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Tgt Ion:112 Resp: 671713  
Ion Ratio Lower Upper  
112 100  
64 63.5 51.6 77.4  
63 34.8 29.0 43.4



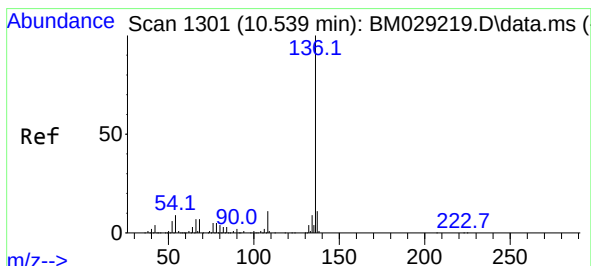
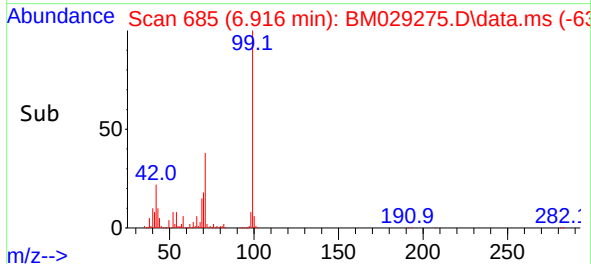
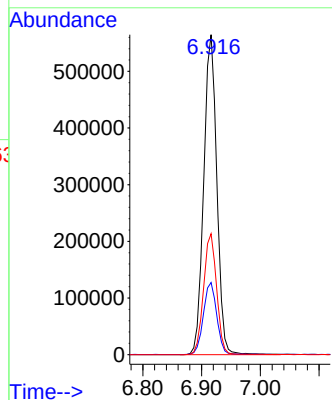
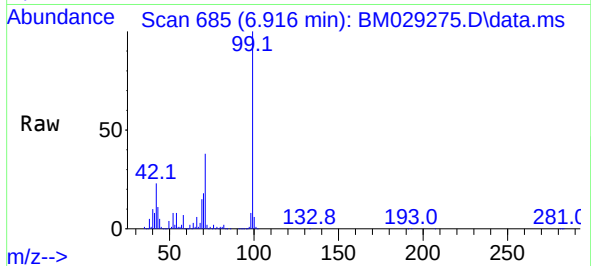


#7  
Phenol-d6  
Concen: 99.69 ng  
RT: 6.916 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

Tgt Ion: 99 Resp: 872833  

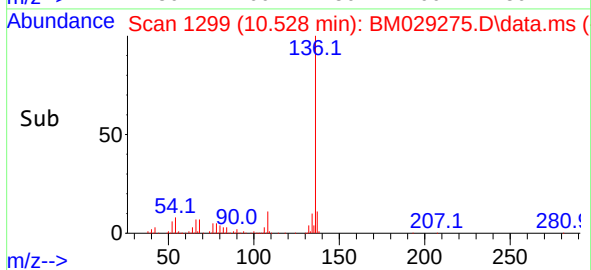
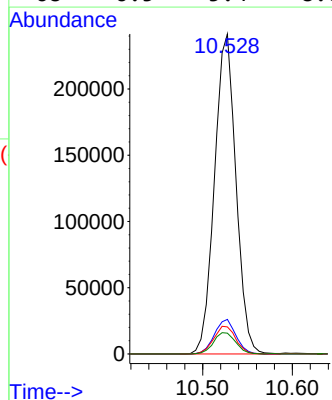
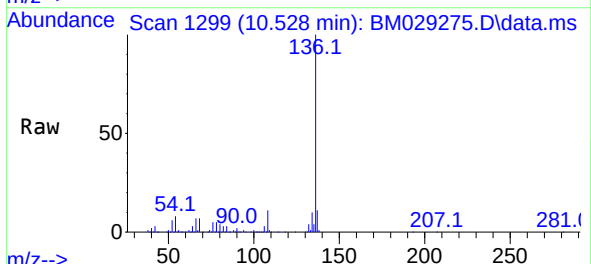
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.5  | 18.5  | 27.7  |
| 71  | 37.8  | 31.8  | 47.6  |

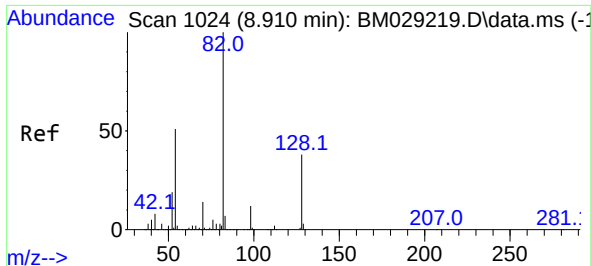


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.528 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Tgt Ion: 136 Resp: 401115  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.3   | 13.9  |
| 54  | 8.4   | 6.9   | 10.3  |
| 68  | 6.5   | 5.4   | 8.0   |

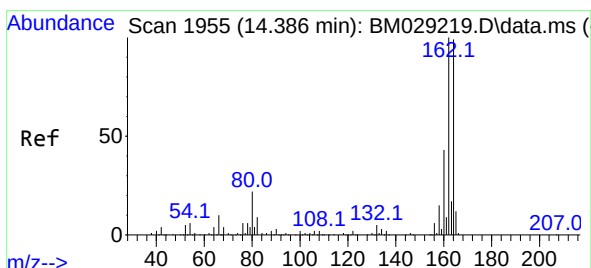
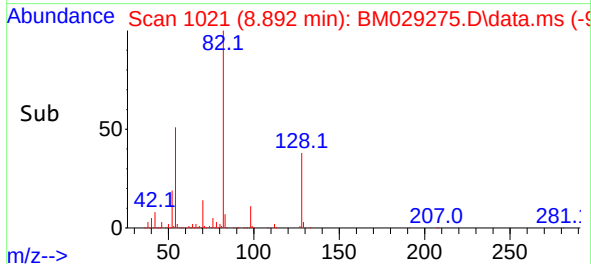
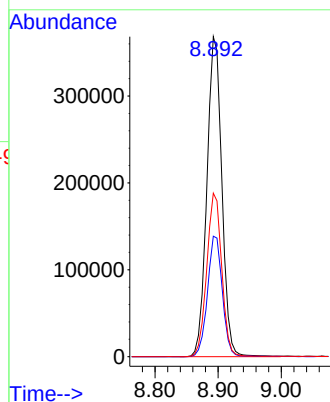
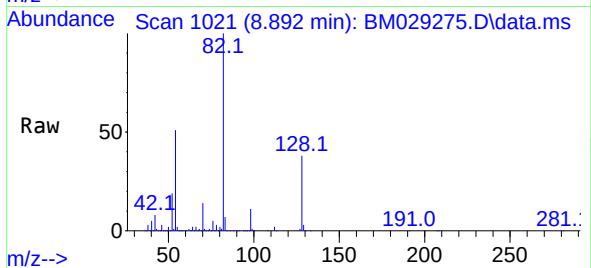




#23  
Nitrobenzene-d5  
Concen: 73.32 ng  
RT: 8.892 min Scan# 1021  
Delta R.T. -0.012 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

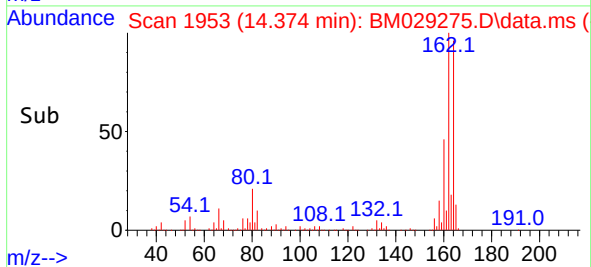
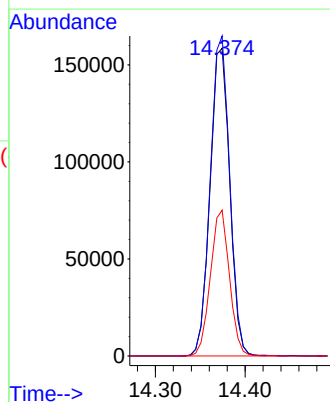
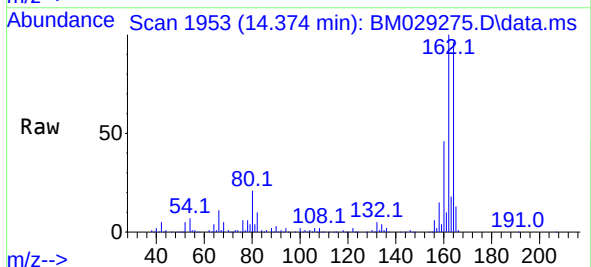
Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

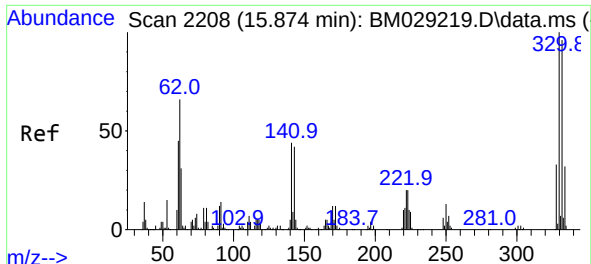
Tgt Ion: 82 Resp: 605769  
Ion Ratio Lower Upper  
82 100  
128 37.7 28.6 42.8  
54 51.1 40.7 61.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.374 min Scan# 1953  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Tgt Ion:164 Resp: 241524  
Ion Ratio Lower Upper  
164 100  
162 104.0 84.4 126.6  
160 47.4 36.6 54.8

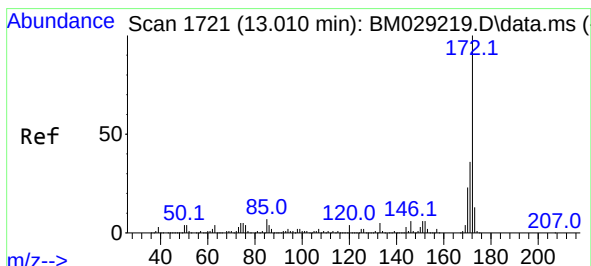
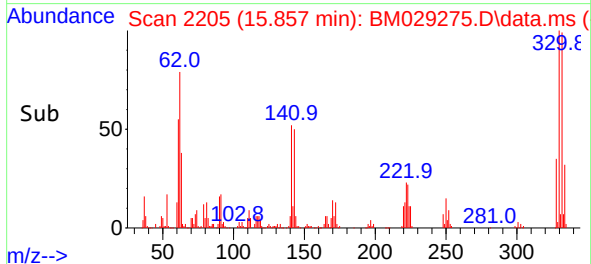
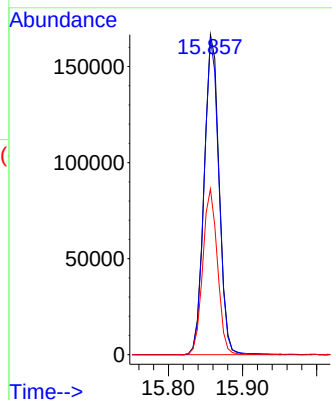
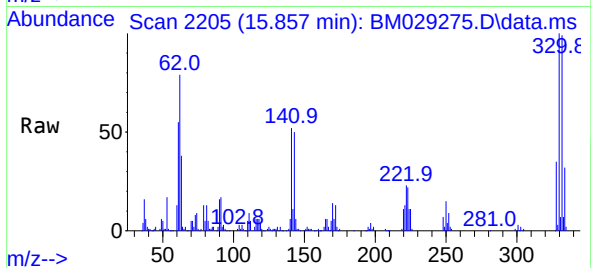




#42  
2,4,6-Tribromophenol  
Concen: 104.61 ng  
RT: 15.857 min Scan# 2205  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

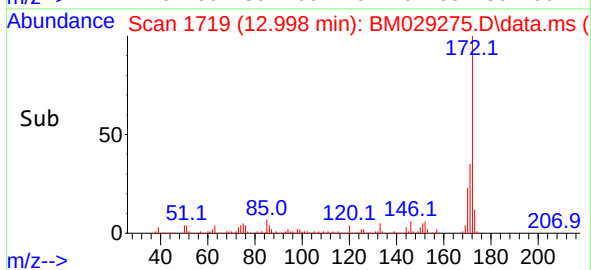
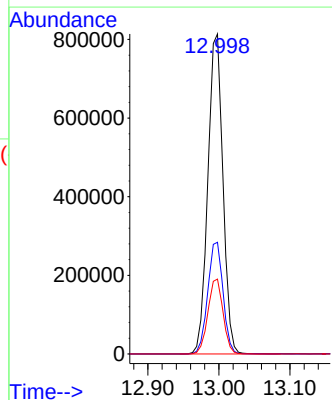
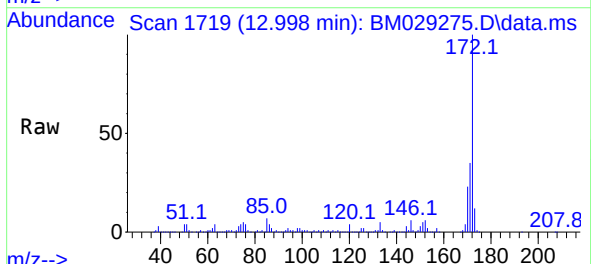
Instrument :  
BNA\_M  
ClientSampled :  
TP-2

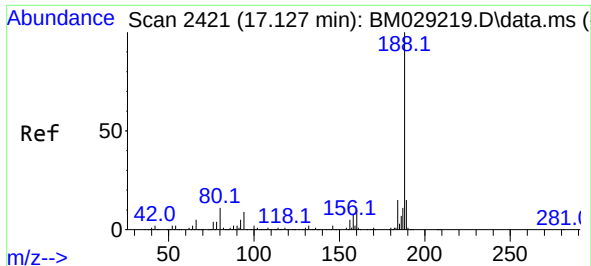
Tgt Ion:330 Resp: 233985  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.1 115.7  
141 50.8 39.2 58.8



#45  
2-Fluorobiphenyl  
Concen: 70.54 ng  
RT: 12.998 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Tgt Ion:172 Resp: 1201176  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.7 43.1  
170 23.4 18.8 28.2

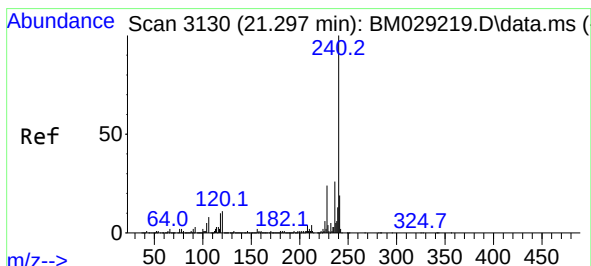
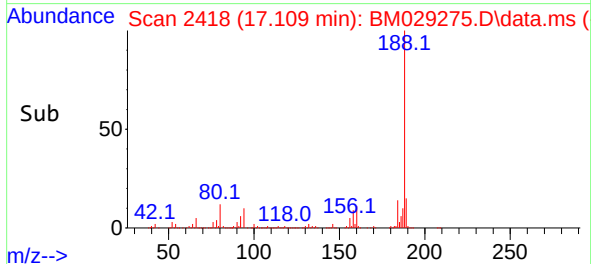
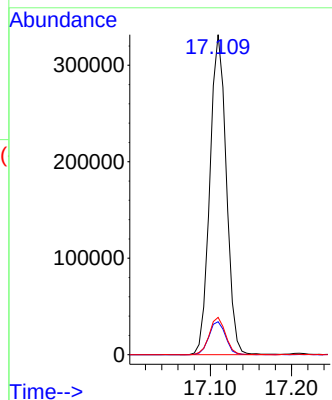
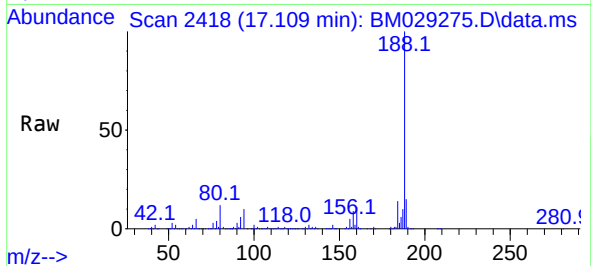




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.109 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

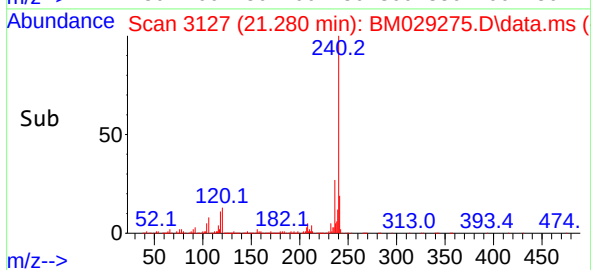
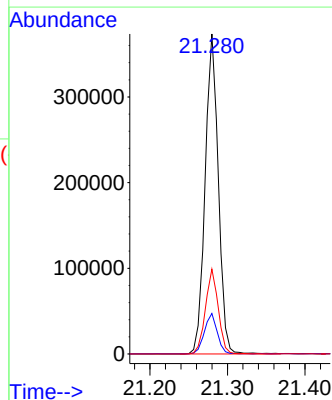
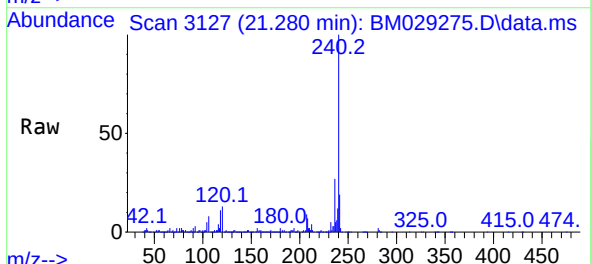
Instrument :  
BNA\_M  
ClientSampleId :  
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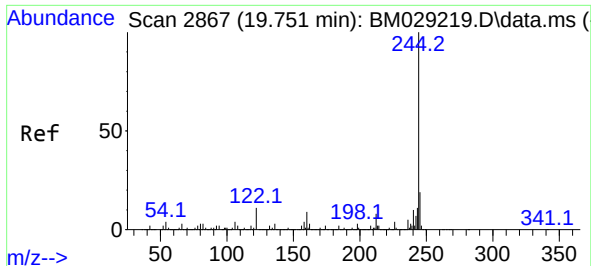
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 466304 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.3     | 8.1 12.1     |
| 80 11.7     | 9.2 13.8     |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.280 min Scan# 3127  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

|             |              |
|-------------|--------------|
| Tgt Ion:240 | Resp: 441377 |
| Ion Ratio   | Lower Upper  |
| 240 100     |              |
| 120 12.7    | 9.0 13.6     |
| 236 26.5    | 20.3 30.5    |

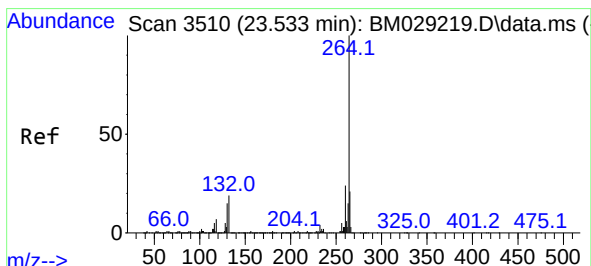
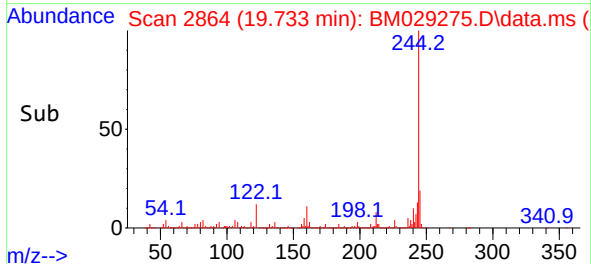
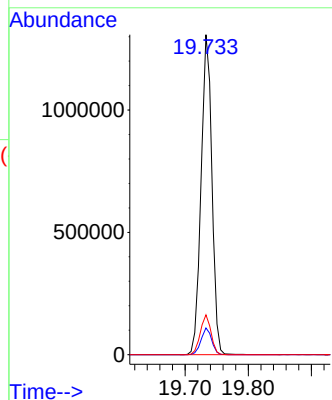
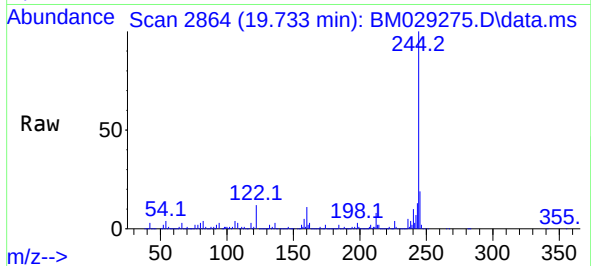




#79  
Terphenyl-d14  
Concen: 70.92 ng  
RT: 19.733 min Scan# 2864  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:244 Resp: 1558059  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.5 9.7  
122 12.5 9.2 13.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.515 min Scan# 3507  
Delta R.T. -0.006 min  
Lab File: BM029275.D  
Acq: 30 Mar 2021 18:12

Tgt Ion:264 Resp: 479362  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.6 29.4  
265 21.4 17.8 26.8

