

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081721\  
 Data File : BM031789.D  
 Acq On : 17 Aug 2021 19:48  
 Operator : CG/JU  
 Sample : M3425-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 20S

Quant Time: Aug 18 02:25:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 16:42:38 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.545  | 152  | 45051    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.304 | 136  | 181783   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.180 | 164  | 115881   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.939 | 188  | 245086   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.133 | 240  | 219982   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.280 | 264  | 203294   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.187  | 112  | 456972   | 162.802 | ng    | 0.00     |
| 7) Phenol-d6                | 6.745  | 99   | 540030   | 132.774 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.698  | 82   | 418507   | 96.397  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.686 | 330  | 209549   | 146.822 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.798 | 172  | 832428   | 95.613  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.586 | 244  | 1529895  | 117.176 | ng    | 0.00     |

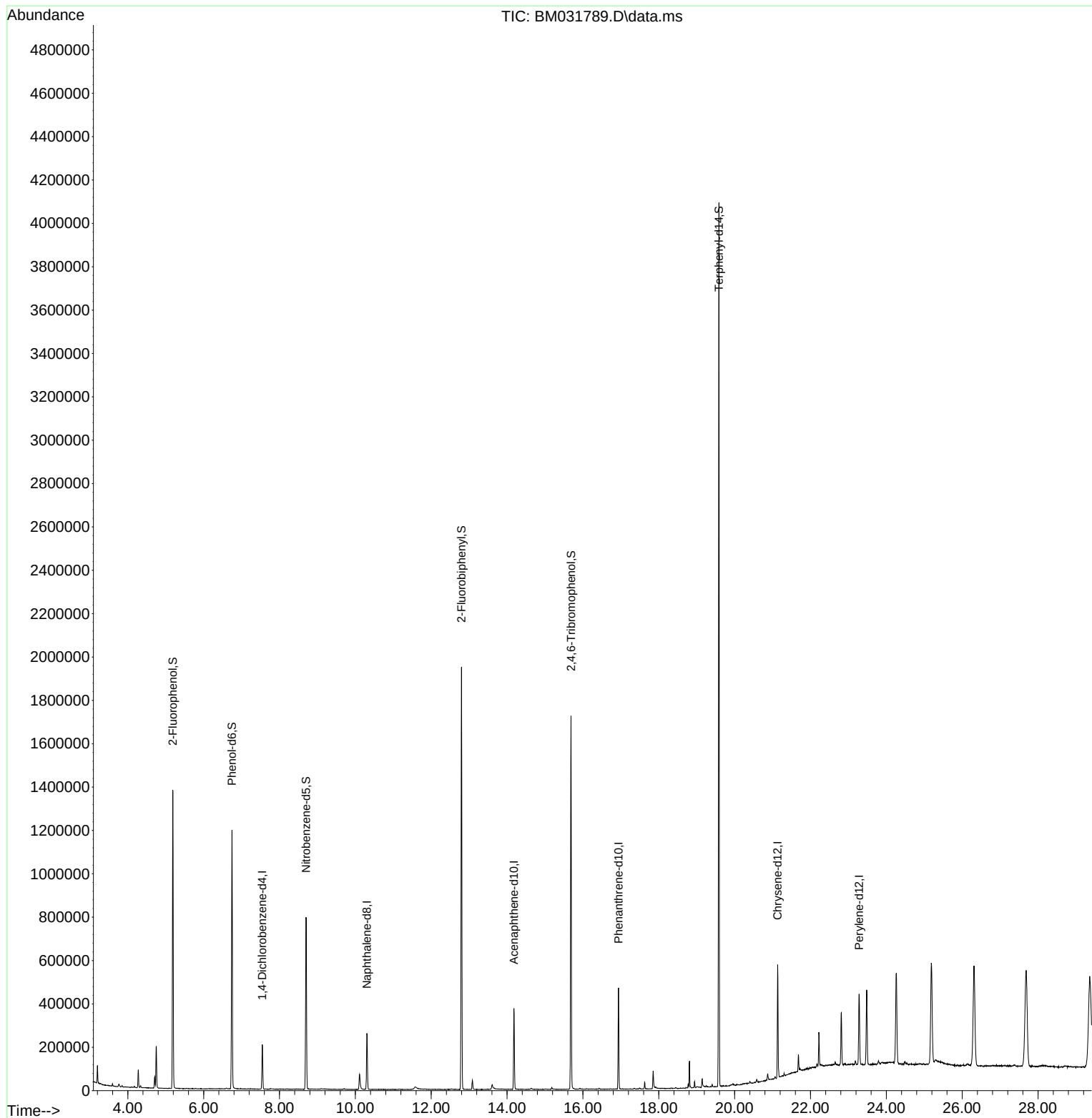
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

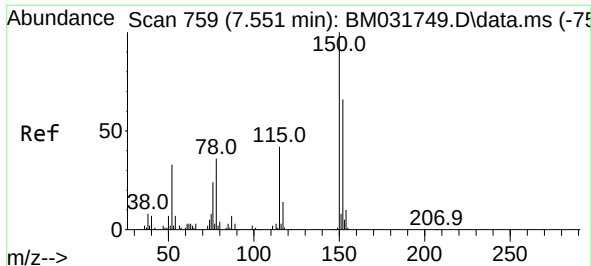
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3425-03  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Quant Time: Aug 18 02:25:04 2021  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 16 16:42:38 2021  
Response via : Initial Calibration

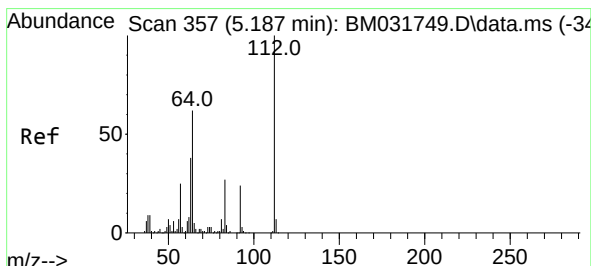
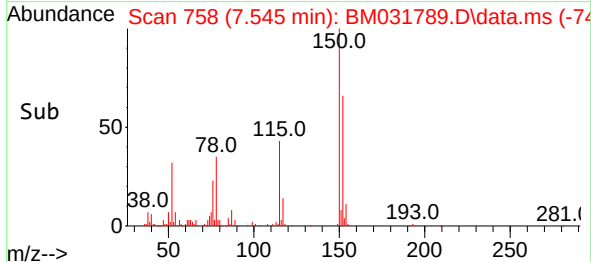
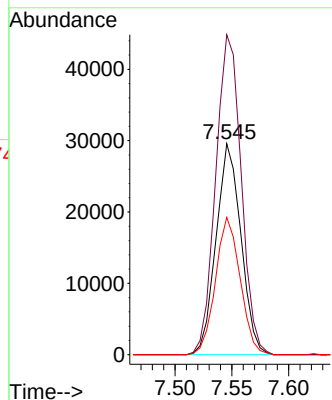
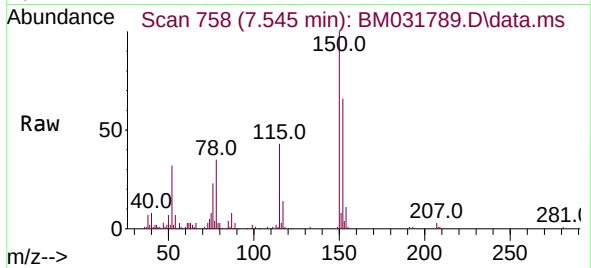




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

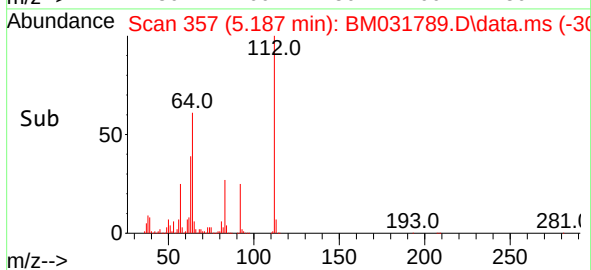
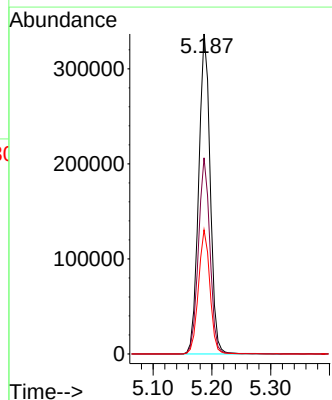
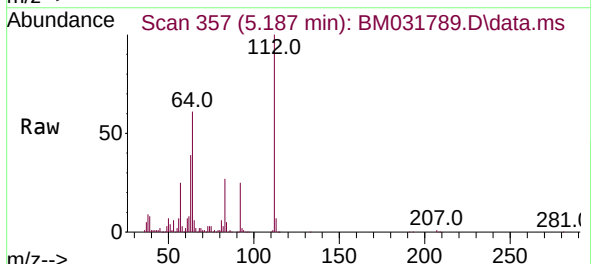
Instrument :  
BNA\_M  
ClientSampleId :  
20S

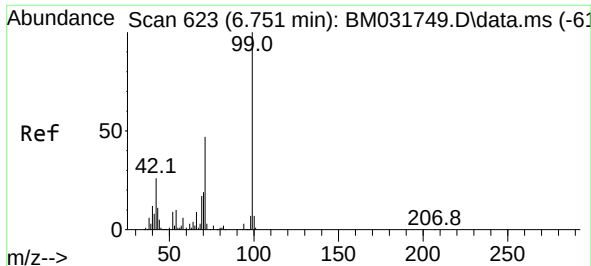
Tgt Ion:152 Resp: 45051  
Ion Ratio Lower Upper  
152 100  
150 151.7 125.9 188.9  
115 65.1 44.6 67.0



#5  
2-Fluorophenol  
Concen: 162.802 ng  
RT: 5.187 min Scan# 357  
Delta R.T. 0.000 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Tgt Ion:112 Resp: 456972  
Ion Ratio Lower Upper  
112 100  
64 61.3 47.1 70.7  
63 38.8 27.3 40.9

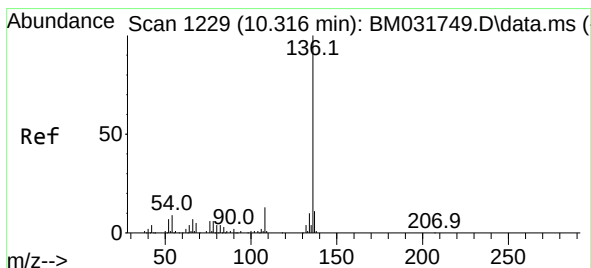
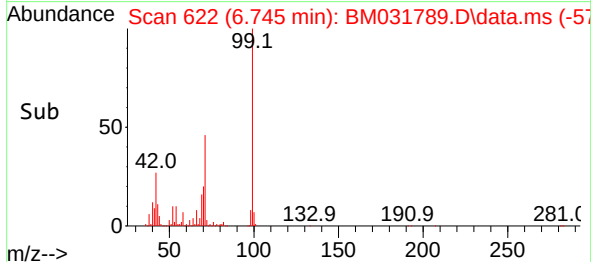
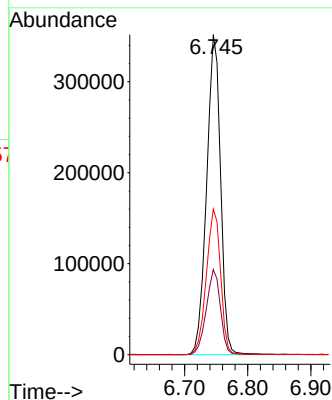
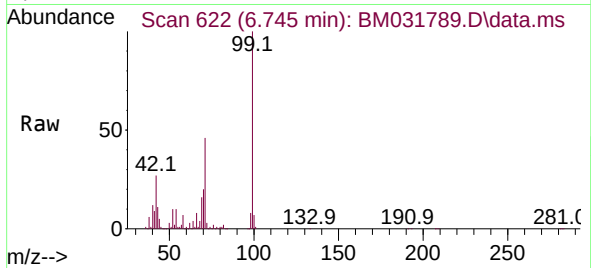




#7  
Phenol-d6  
Concen: 132.774 ng  
RT: 6.745 min Scan# 622  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

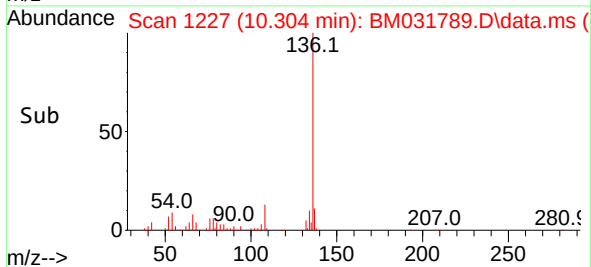
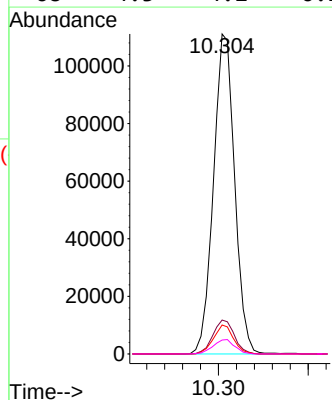
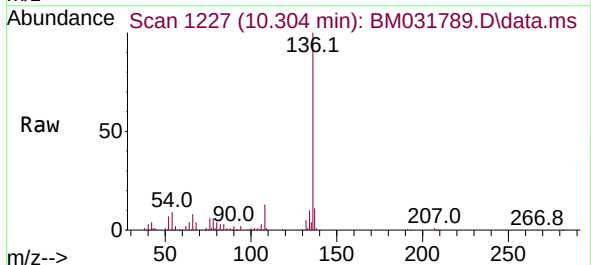
Instrument :  
BNA\_M  
ClientSampleId :  
20S

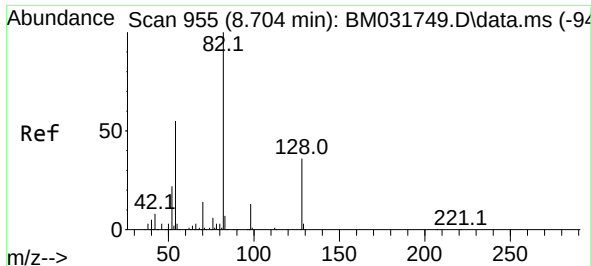
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 540030 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 26.6  | 18.0  | 27.0   |
| 71       | 45.5  | 30.9  | 46.3   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.304 min Scan# 1227  
Delta R.T. -0.012 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 181783 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.4   | 12.6   |
| 54       | 9.1   | 5.5   | 8.3#   |
| 68       | 4.3   | 4.2   | 6.2    |

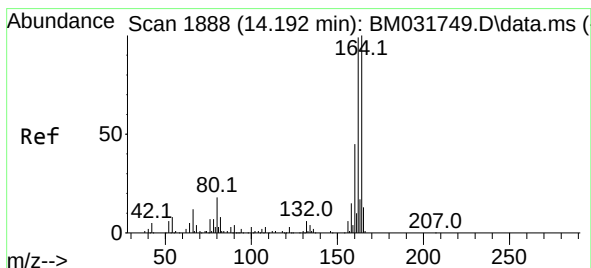
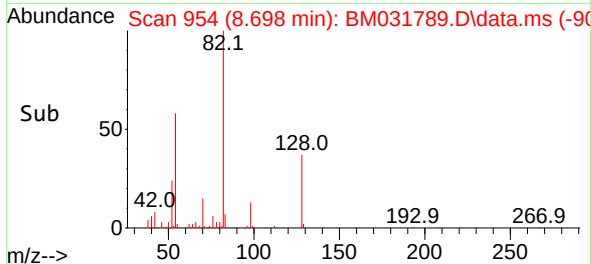
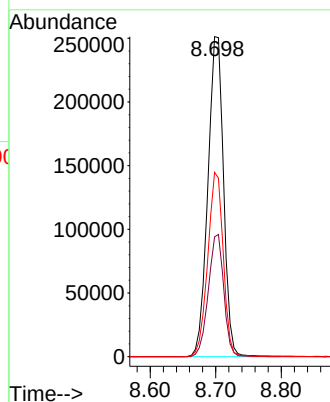
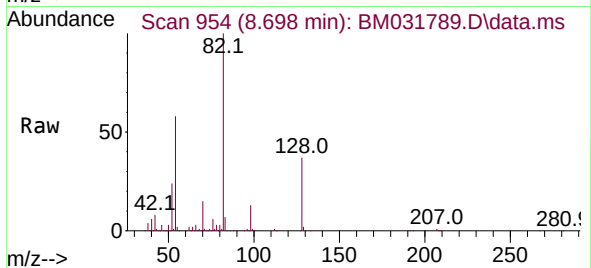




#23  
Nitrobenzene-d5  
Concen: 96.397 ng  
RT: 8.698 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

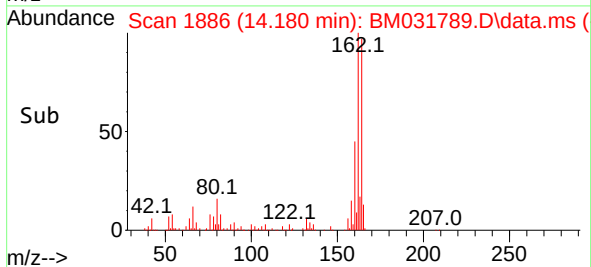
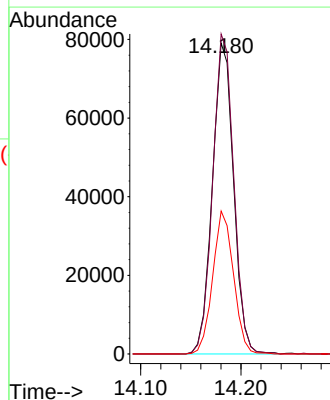
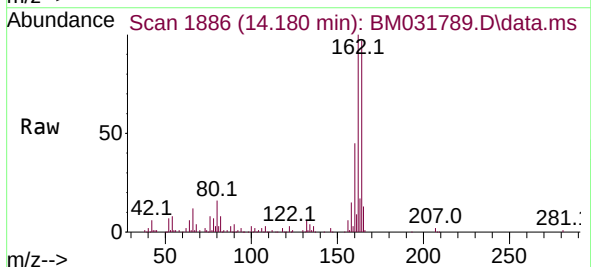
Instrument :  
BNA\_M  
ClientSampled :  
20S

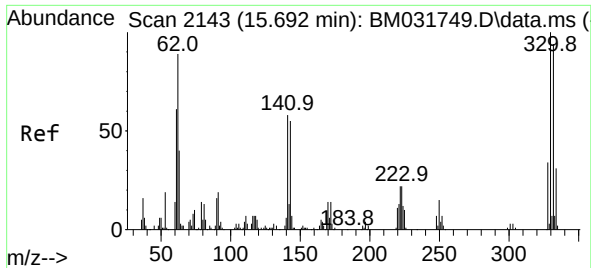
Tgt Ion: 82 Resp: 418507  
Ion Ratio Lower Upper  
82 100  
128 37.5 31.1 46.7  
54 57.6 37.3 55.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.180 min Scan# 1886  
Delta R.T. -0.012 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Tgt Ion: 164 Resp: 115881  
Ion Ratio Lower Upper  
164 100  
162 102.9 83.4 125.0  
160 45.9 37.2 55.8

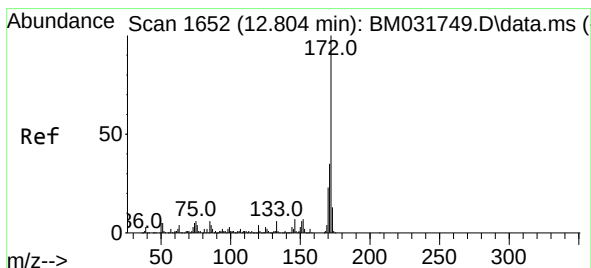
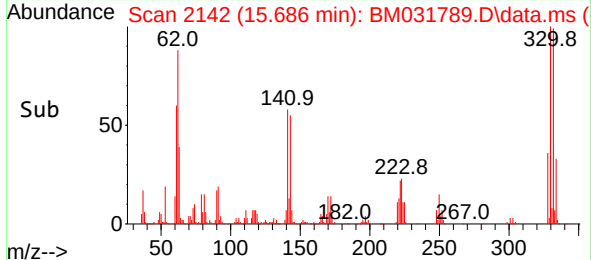
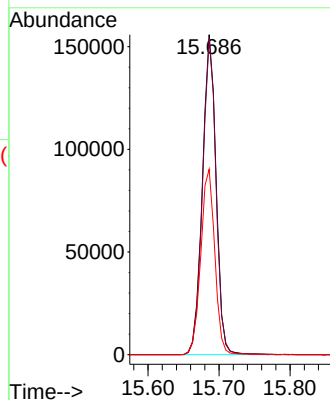
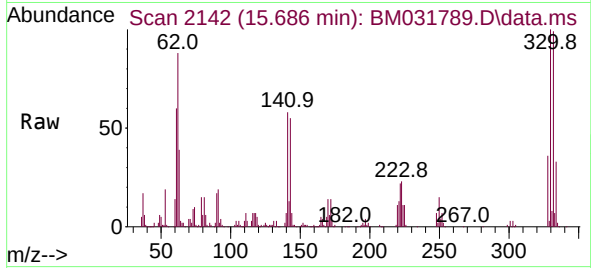




#42  
2,4,6-Tribromophenol  
Concen: 146.822 ng  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

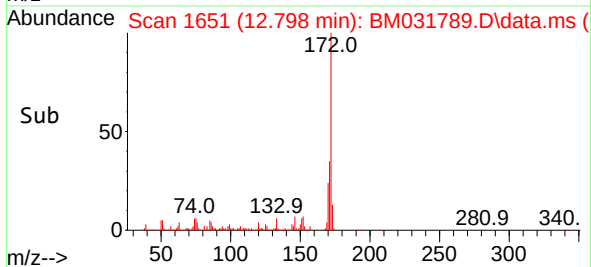
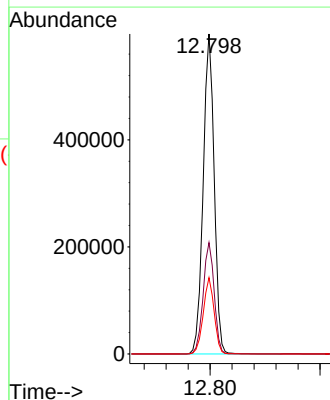
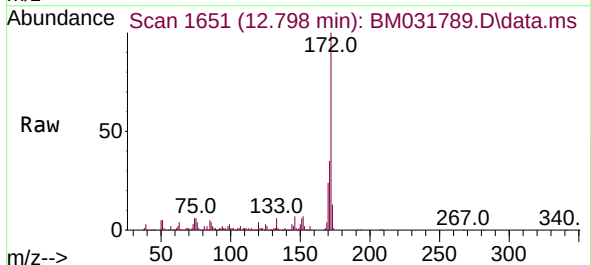
Instrument :  
BNA\_M  
ClientSampleId :  
20S

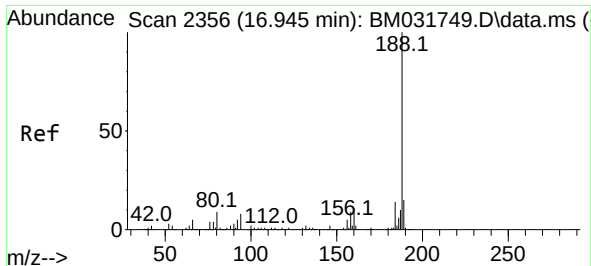
Tgt Ion:330 Resp: 209549  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.4  
141 59.4 30.2 45.2#



#45  
2-Fluorobiphenyl  
Concen: 95.613 ng  
RT: 12.798 min Scan# 1651  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Tgt Ion:172 Resp: 832428  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 43.0  
170 23.8 18.4 27.6

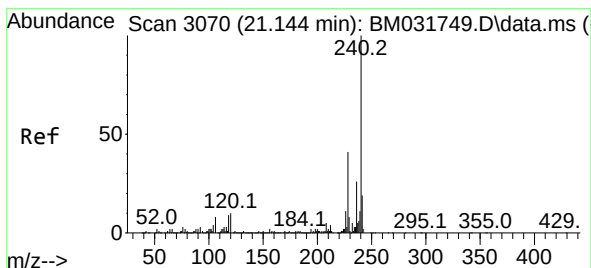
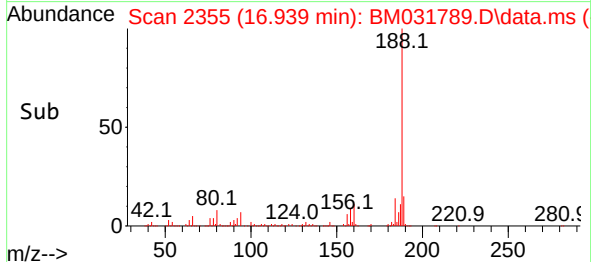
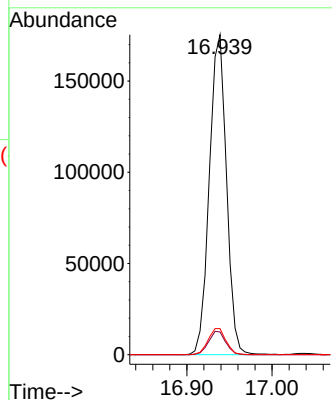
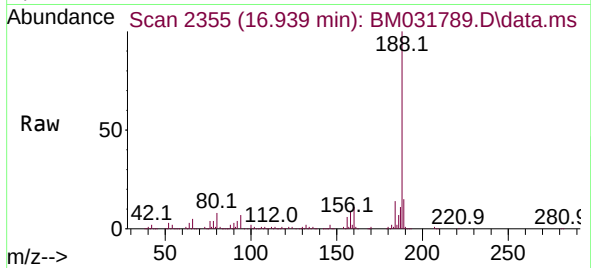




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.939 min Scan# 2355  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

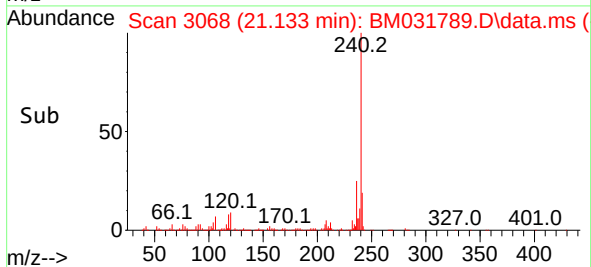
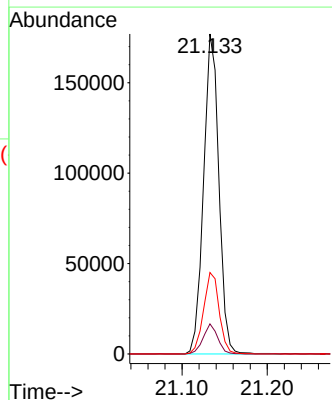
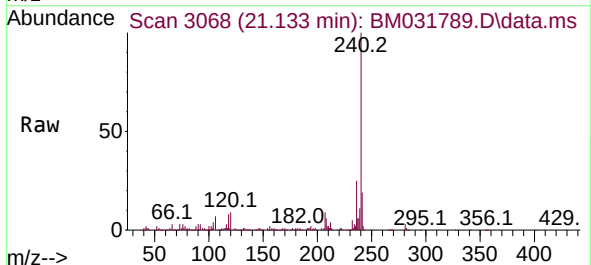
Instrument :  
BNA\_M  
ClientSampled :  
20S

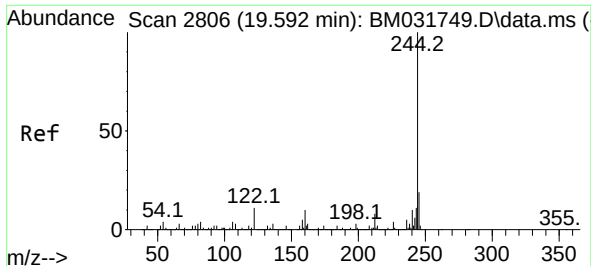
Tgt Ion:188 Resp: 245086  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.0 9.0  
80 8.2 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.133 min Scan# 3068  
Delta R.T. -0.012 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Tgt Ion:240 Resp: 219982  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.0 10.6  
236 25.4 21.0 31.4

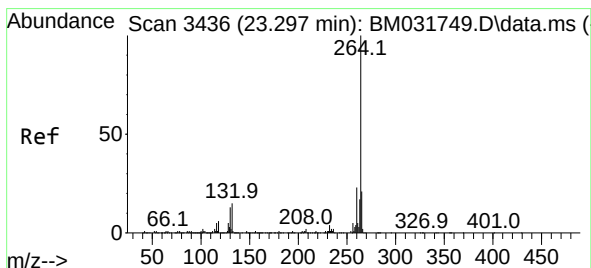
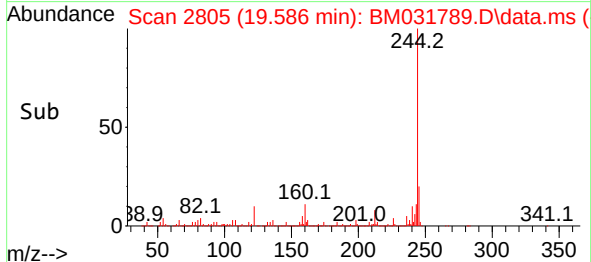
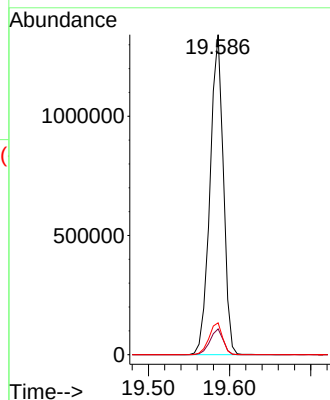
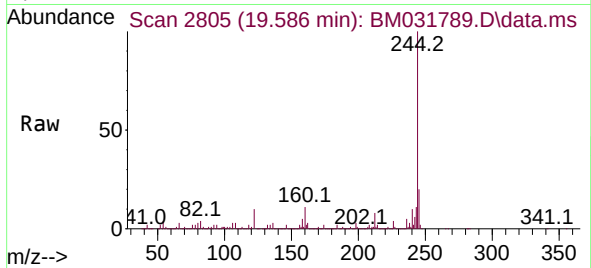




#79  
Terphenyl-d14  
Concen: 117.176 ng  
RT: 19.586 min Scan# 2805  
Delta R.T. -0.006 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Instrument :  
BNA\_M  
ClientSampled :  
20S

Tgt Ion:244 Resp: 1529895  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.3 9.5  
122 10.0 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.280 min Scan# 3433  
Delta R.T. -0.018 min  
Lab File: BM031789.D  
Acq: 17 Aug 2021 19:48

Tgt Ion:264 Resp: 203294  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.8 29.8  
265 21.6 17.7 26.5

