

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121821\  
 Data File : BM033524.D  
 Acq On : 18 Dec 2021 18:14  
 Operator : CG/JU  
 Sample : M5114-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 20 07:08:28 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 17:10:15 2021  
 Response via : Initial Calibration

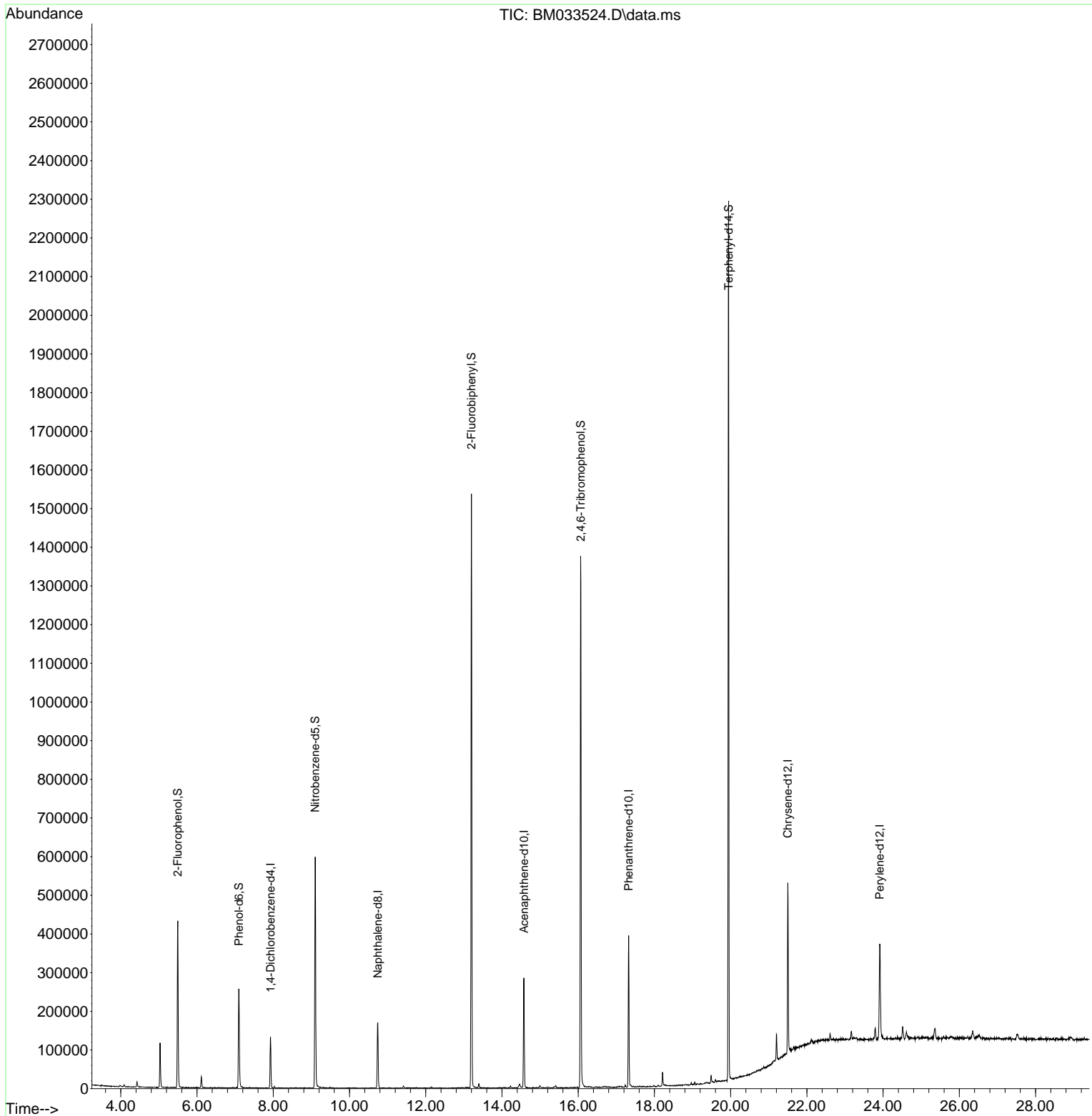
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.931  | 152  | 29309    | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.742 | 136  | 123361   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.577 | 164  | 93168    | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.324 | 188  | 215184   | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.500 | 240  | 211610   | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12            | 23.912 | 264  | 190131   | 20.000    | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.495  | 112  | 142744   | 84.039    | ng    | 0.00     |
| 7) Phenol-d6                | 7.101  | 99   | 117868   | 51.709    | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.101  | 82   | 318107   | 110.722   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.071 | 330  | 187405   | 178.815   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.201 | 172  | 671413   | 99.688    | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.947 | 244  | 938004   | 69.785    | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
| 2) 1,4-Dioxane              | 3.372  | 88   | 145      | Below Cal | #     | 17       |
| 9) Benzaldehyde             | 7.095  | 77   | 343      | Below Cal | #     | 7        |

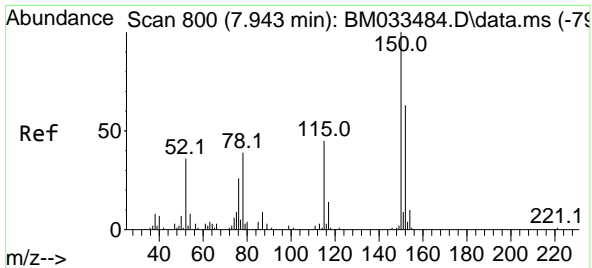
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121821\  
 Data File : BM033524.D  
 Acq On : 18 Dec 2021 18:14  
 Operator : CG/JU  
 Sample : M5114-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

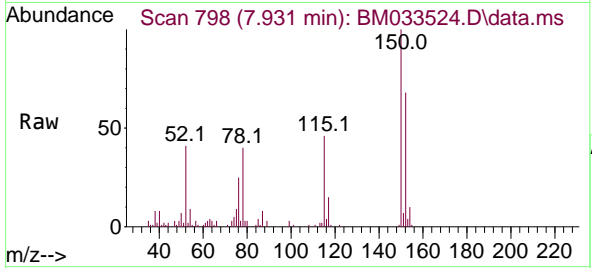
Quant Time: Dec 20 07:08:28 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 17:10:15 2021  
 Response via : Initial Calibration



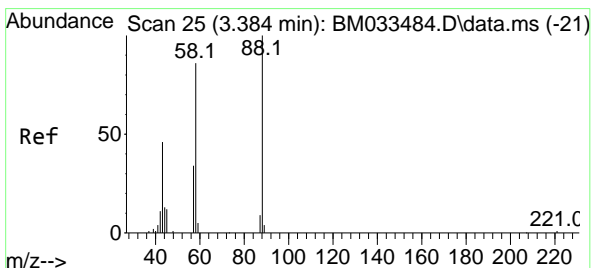
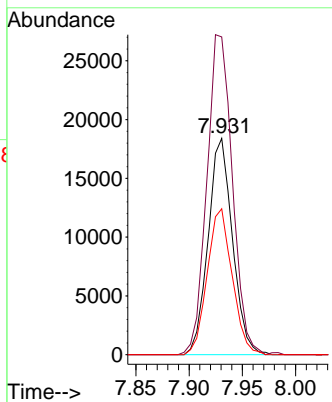
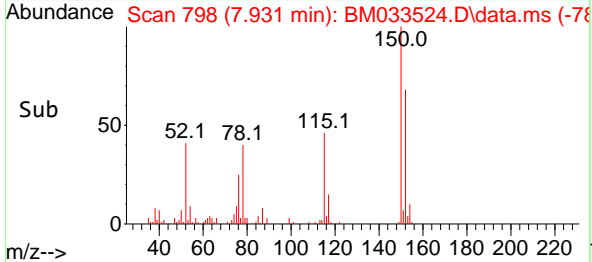


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.931 min Scan# 79  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

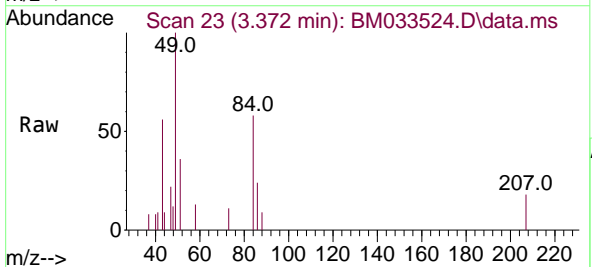
Instrument :  
 BNA\_M  
 ClientSampleId :



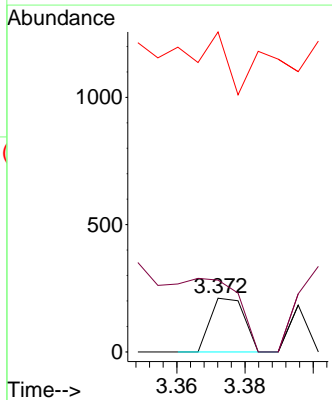
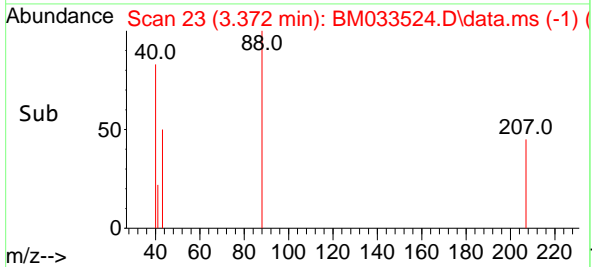
Tgt Ion: 152 Resp: 29309  
 Ion Ratio Lower Upper  
 152 100  
 150 146.9 128.9 193.3  
 115 67.5 53.0 79.6

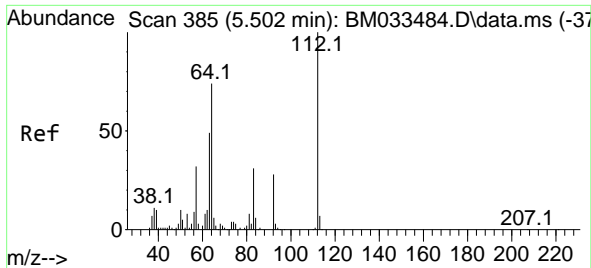


#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.372 min Scan# 23  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14



Tgt Ion: 88 Resp: 145  
 Ion Ratio Lower Upper  
 88 100  
 58 0.0 67.0 100.4#  
 43 0.0 31.6 47.4#



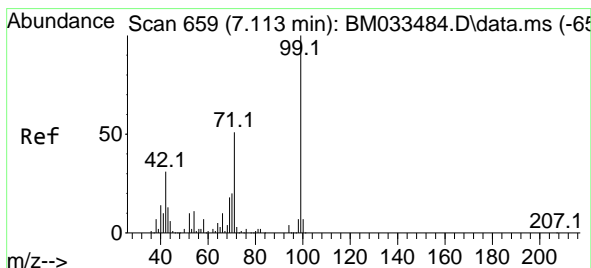
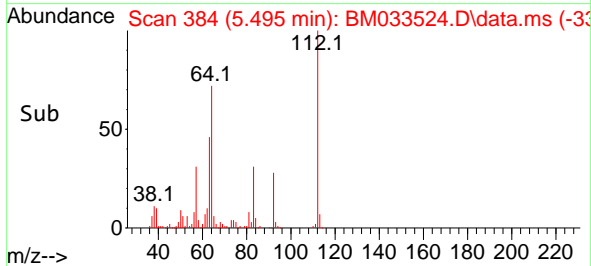
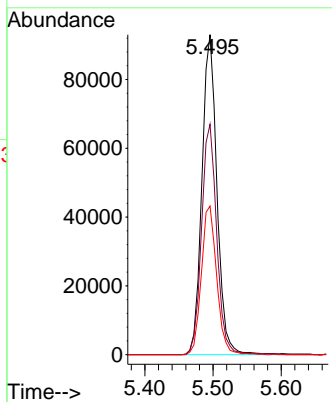
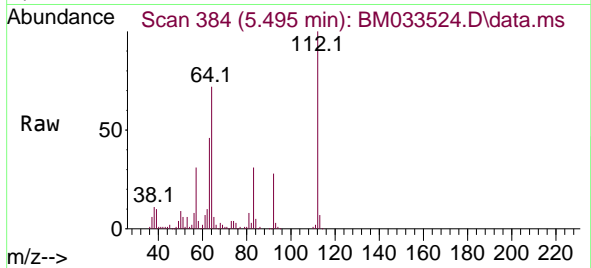


#5  
 2-Fluorophenol  
 Concen: 84.039 ng  
 RT: 5.495 min Scan# 384  
 Delta R.T. -0.007 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion:112 Resp: 142744

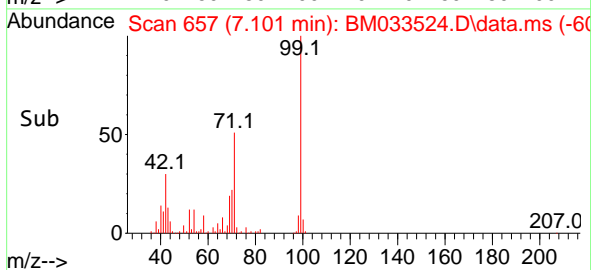
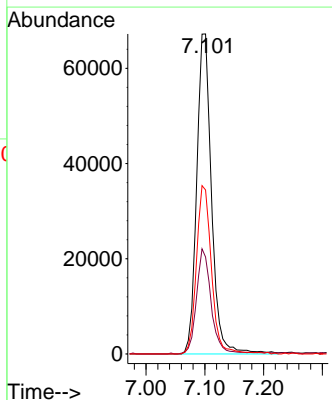
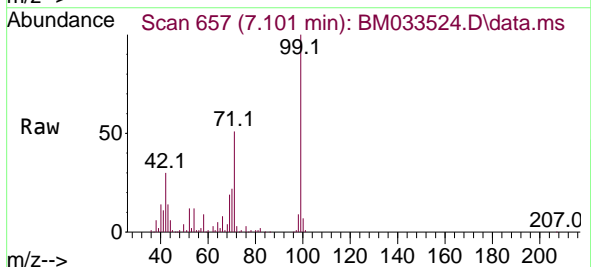
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 72.0  | 55.5  | 83.3  |
| 63  | 46.5  | 31.3  | 46.9  |

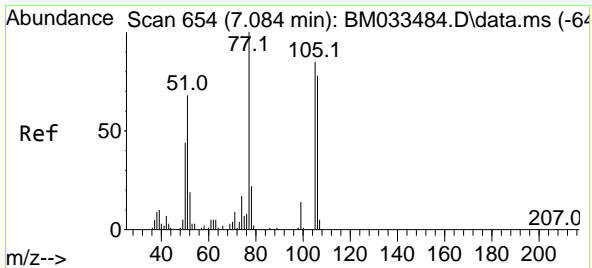


#7  
 Phenol-d6  
 Concen: 51.709 ng  
 RT: 7.101 min Scan# 657  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Tgt Ion: 99 Resp: 117868

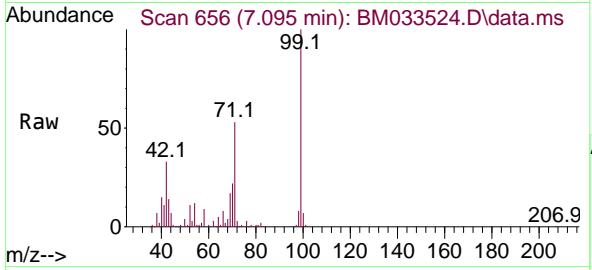
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 30.3  | 20.3  | 30.5  |
| 71  | 51.2  | 34.5  | 51.7  |





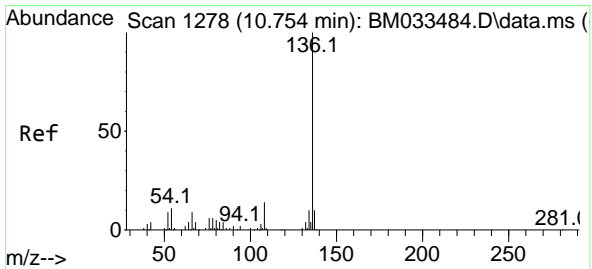
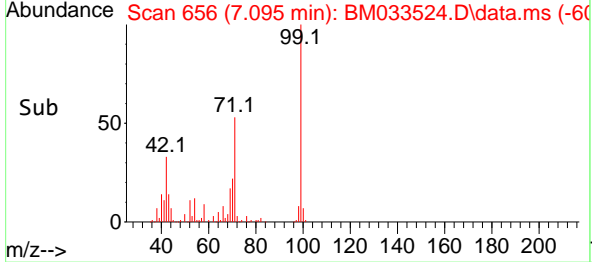
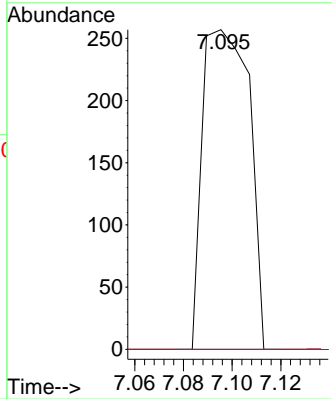
#9  
 Benzaldehyde  
 Concen: Below Cal  
 RT: 7.095 min Scan# 61  
 Delta R.T. 0.011 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion: 77 Resp: 343

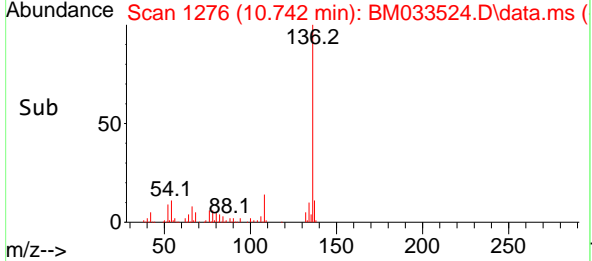
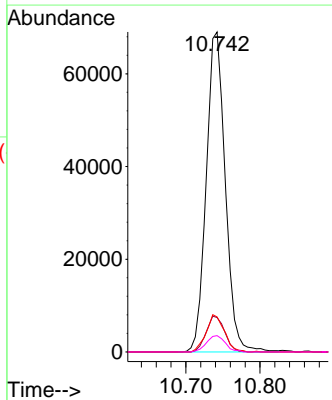
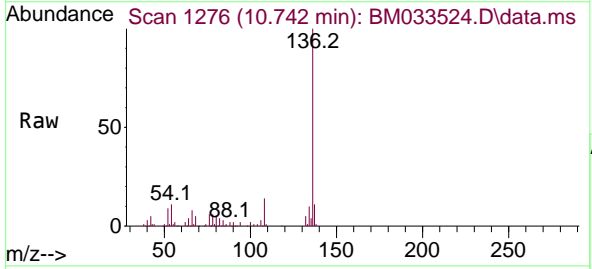
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 0.0   | 67.1  | 107.1# |
| 106 | 0.0   | 64.3  | 104.3# |

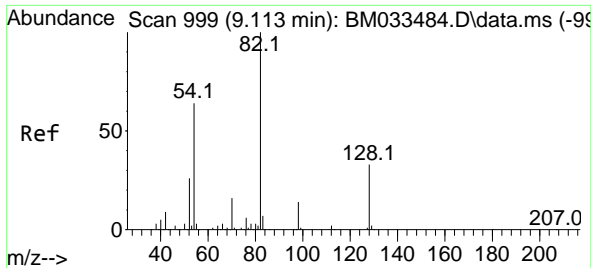


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.742 min Scan# 1276  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Tgt Ion: 136 Resp: 123361

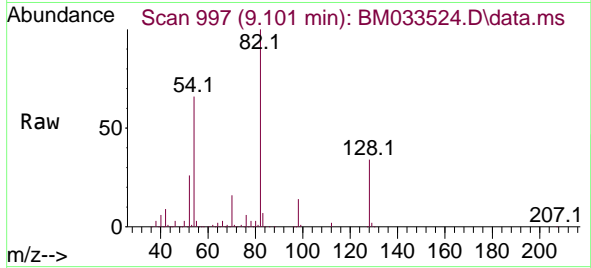
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 11.0  | 8.3   | 12.5  |
| 68  | 5.1   | 5.0   | 7.6   |



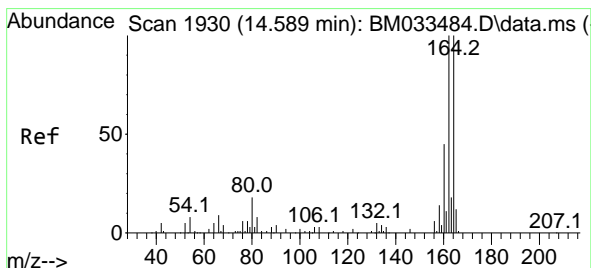
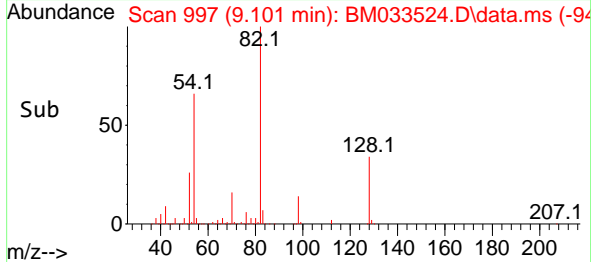
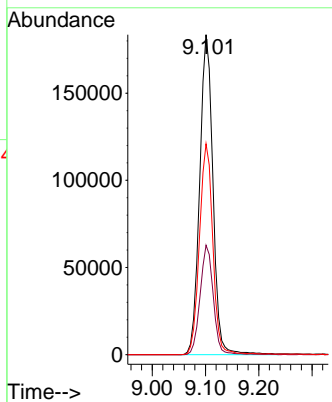


#23  
 Nitrobenzene-d5  
 Concen: 110.722 ng  
 RT: 9.101 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :

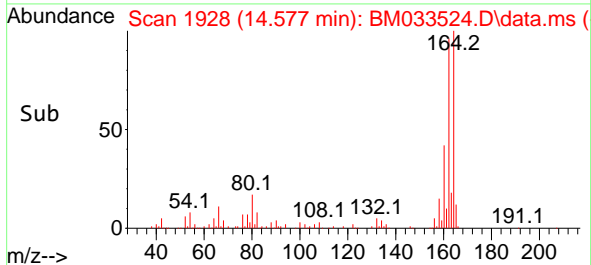
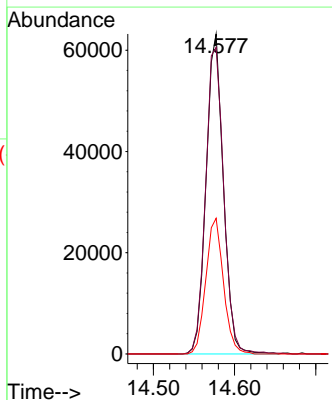
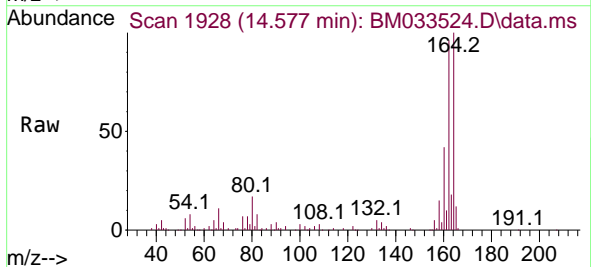


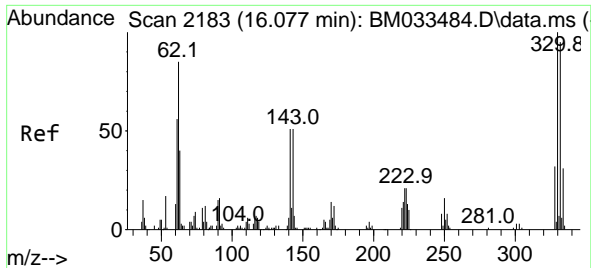
Tgt Ion: 82 Resp: 318107  
 Ion Ratio Lower Upper  
 82 100  
 128 34.2 28.1 42.1  
 54 65.9 46.1 69.1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.577 min Scan# 1928  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

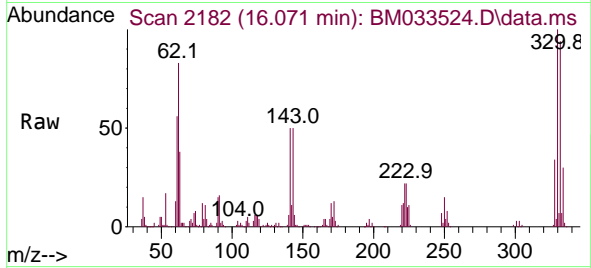
Tgt Ion: 164 Resp: 93168  
 Ion Ratio Lower Upper  
 164 100  
 162 95.8 79.7 119.5  
 160 42.4 34.2 51.4



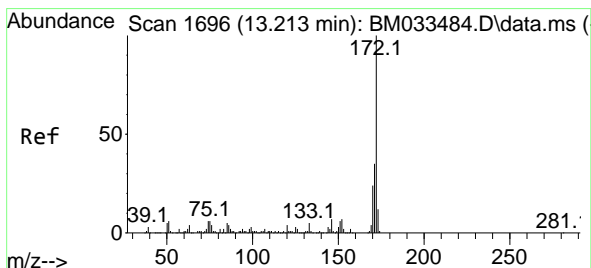
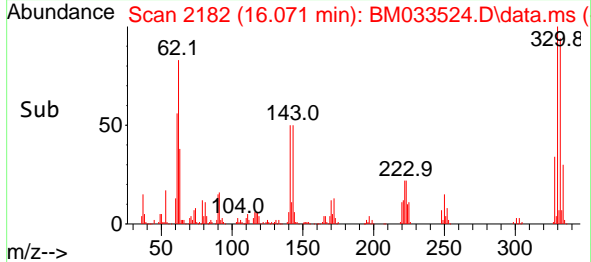
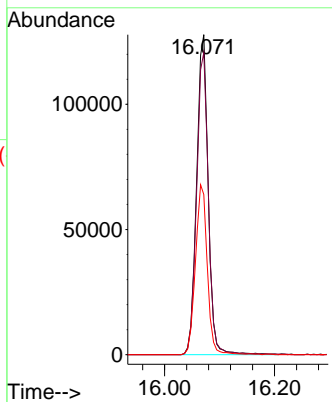


#42  
 2,4,6-Tribromophenol  
 Concen: 178.815 ng  
 RT: 16.071 min Scan# 2183  
 Delta R.T. -0.006 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :

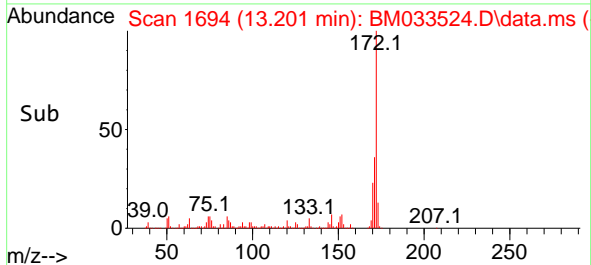
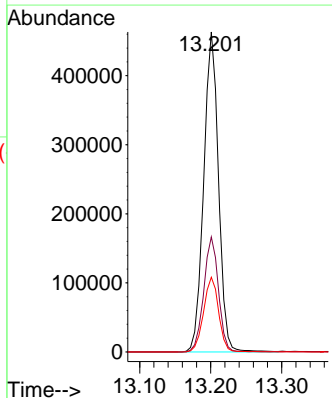
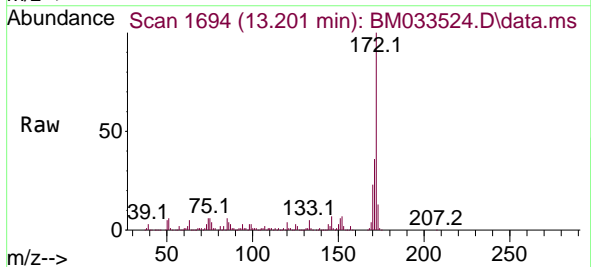


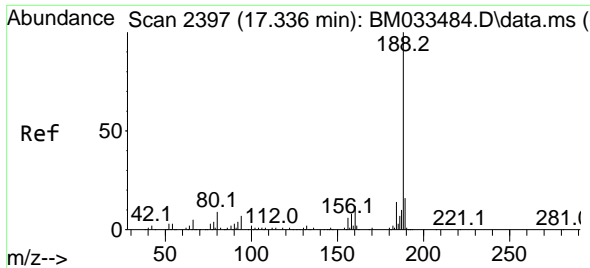
Tgt Ion:330 Resp: 187405  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.5 114.7  
 141 54.1 35.9 53.9#



#45  
 2-Fluorobiphenyl  
 Concen: 99.688 ng  
 RT: 13.201 min Scan# 1694  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

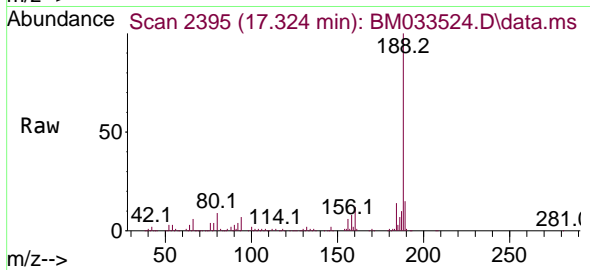
Tgt Ion:172 Resp: 671413  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 27.2 40.8  
 170 23.3 18.7 28.1



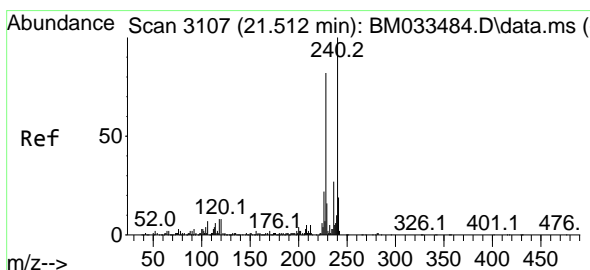
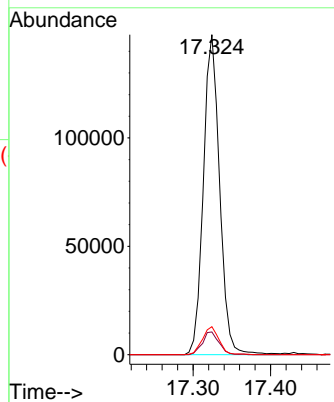
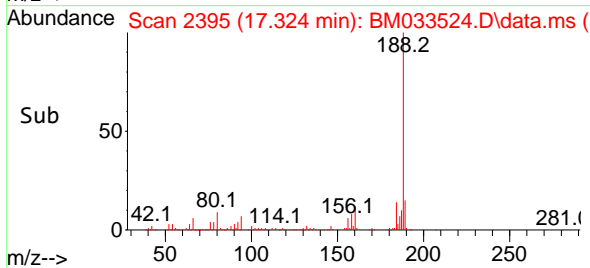


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.324 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

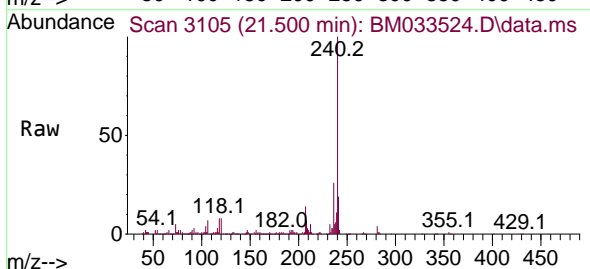
Instrument :  
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 ClientSampleId :



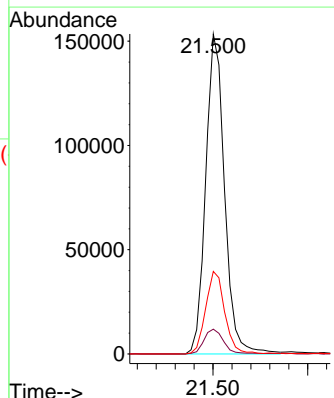
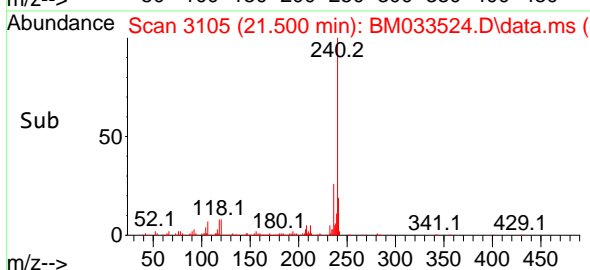
Tgt Ion:188 Resp: 215184  
 Ion Ratio Lower Upper  
 188 100  
 94 7.1 7.5 11.3#  
 80 8.7 8.9 13.3#



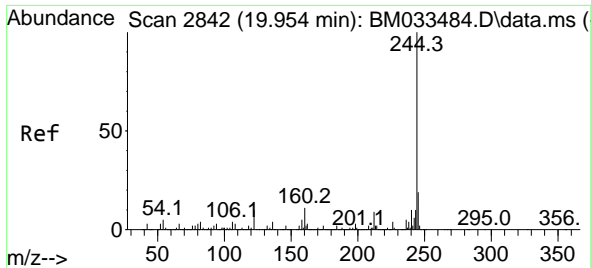
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.500 min Scan# 3105  
 Delta R.T. -0.012 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14



Tgt Ion:240 Resp: 211610  
 Ion Ratio Lower Upper  
 240 100  
 120 7.7 7.8 11.6#  
 236 25.8 20.3 30.5

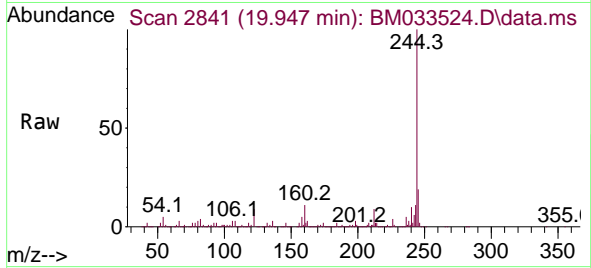




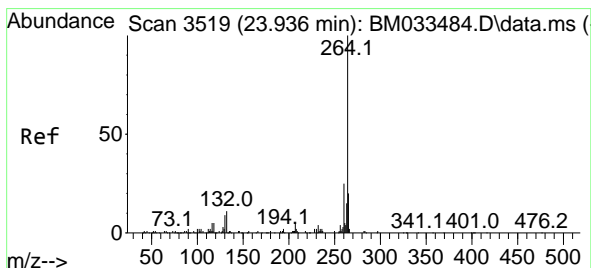
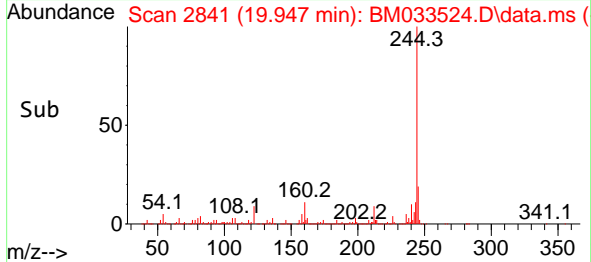
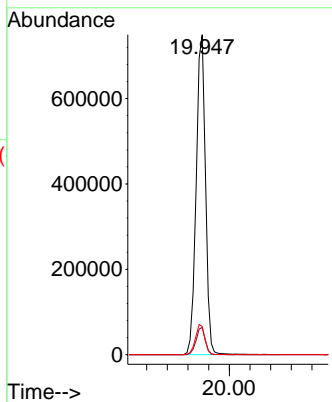


#79  
 Terphenyl-d14  
 Concen: 69.785 ng  
 RT: 19.947 min Scan# 2841  
 Delta R.T. -0.007 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion:244 Resp: 938004  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 5.9 8.9  
 122 8.8 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.912 min Scan# 3515  
 Delta R.T. -0.024 min  
 Lab File: BM033524.D  
 Acq: 18 Dec 2021 18:14

Tgt Ion:264 Resp: 190131  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 17.7 26.5  
 265 22.2 17.7 26.5

