

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121121\  
 Data File : BM033412.D  
 Acq On : 11 Dec 2021 14:57  
 Operator : CG/JU  
 Sample : PB141261TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 12 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 09 07:11:07 2021  
 Response via : Initial Calibration

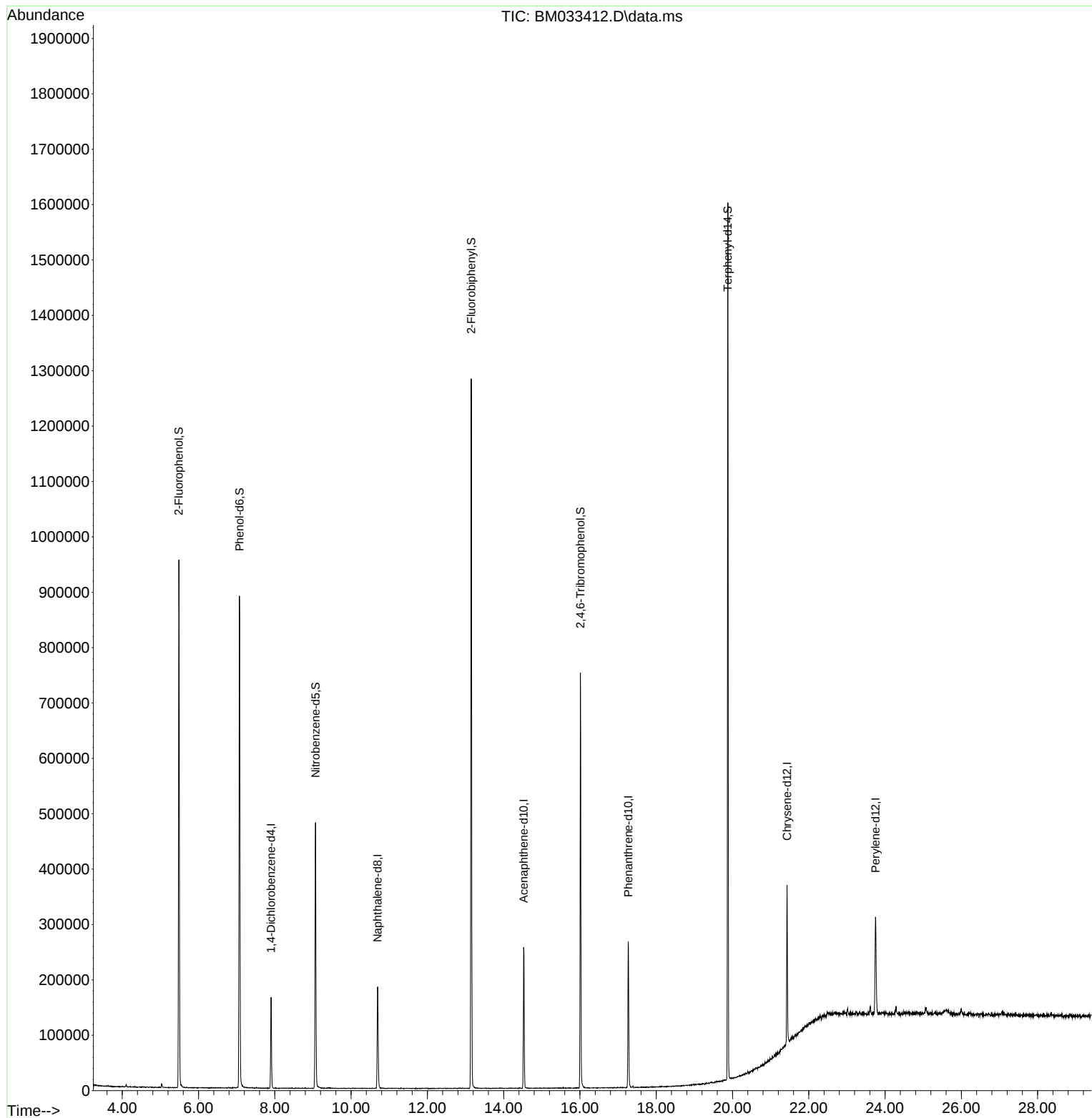
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.901  | 152  | 39121    | 20.000    | ng       | -0.01    |
| 21) Naphthalene-d8          | 10.695 | 136  | 145191   | 20.000    | ng       | -0.01    |
| 39) Acenaphthene-d10        | 14.524 | 164  | 85928    | 20.000    | ng       | -0.01    |
| 64) Phenanthrene-d10        | 17.265 | 188  | 164504   | 20.000    | ng       | -0.01    |
| 76) Chrysene-d12            | 21.430 | 240  | 137086   | 20.000    | ng       | -0.01    |
| 86) Perylene-d12            | 23.747 | 264  | 130648   | 20.000    | ng       | -0.02    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.484  | 112  | 326418   | 136.883   | ng       | -0.01    |
| 7) Phenol-d6                | 7.072  | 99   | 419595   | 126.194   | ng       | -0.02    |
| 23) Nitrobenzene-d5         | 9.066  | 82   | 247973   | 72.519    | ng       | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.012 | 330  | 107151   | 116.571   | ng       | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.148 | 172  | 601081   | 96.761    | ng       | -0.01    |
| 79) Terphenyl-d14           | 19.877 | 244  | 683772   | 92.410    | ng       | -0.01    |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 7.072  | 77   | 1080     | Below Cal | Qvalue # | 7        |
| -----                       |        |      |          |           |          |          |

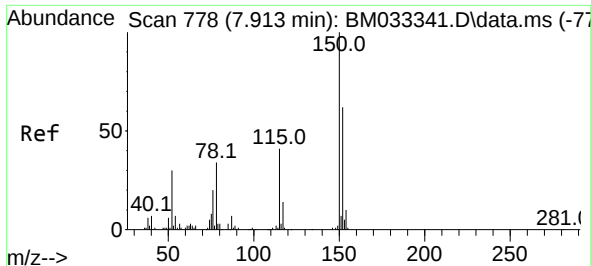
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB141261TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Dec 12 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 09 07:11:07 2021  
Response via : Initial Calibration

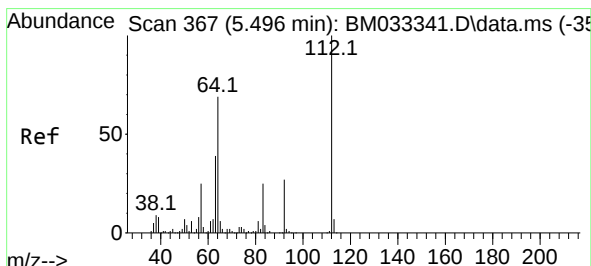
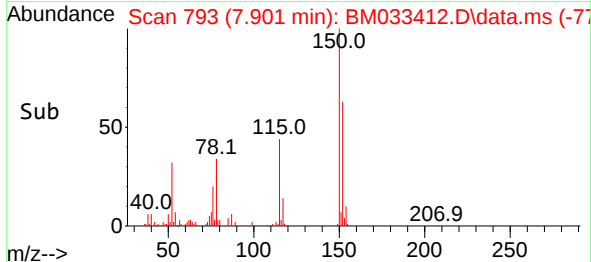
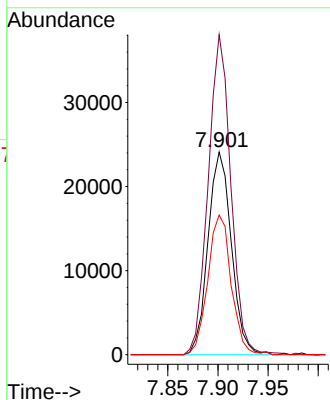
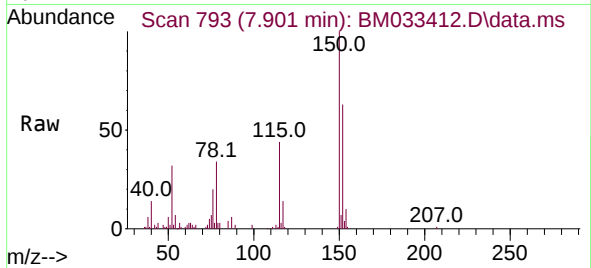




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.901 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

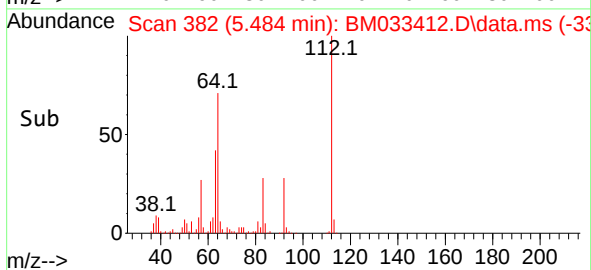
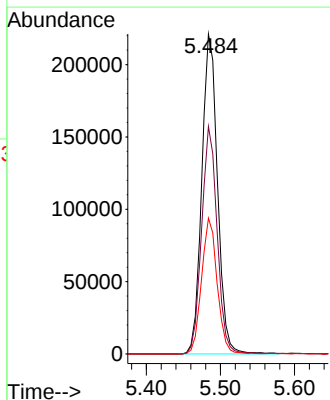
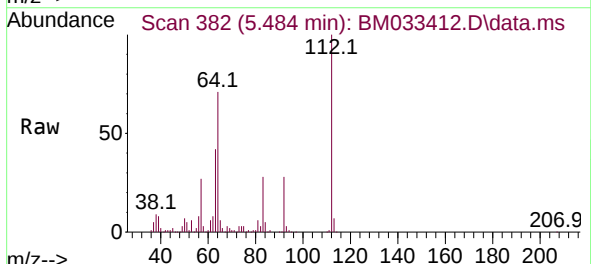
Instrument :  
BNA\_M  
ClientSampleId :

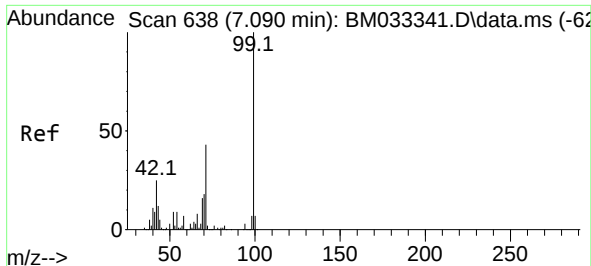
Tgt Ion:152 Resp: 39121  
Ion Ratio Lower Upper  
152 100  
150 157.9 128.9 193.3  
115 68.9 53.0 79.6



#5  
2-Fluorophenol  
Concen: 136.883 ng  
RT: 5.484 min Scan# 382  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

Tgt Ion:112 Resp: 326418  
Ion Ratio Lower Upper  
112 100  
64 71.1 55.5 83.3  
63 42.5 31.3 46.9

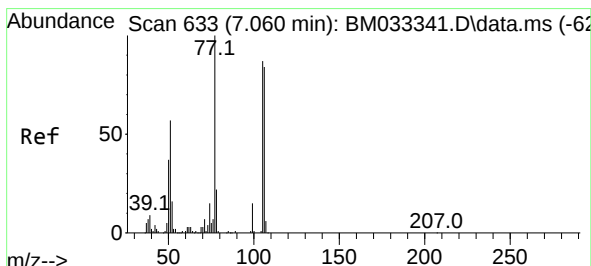
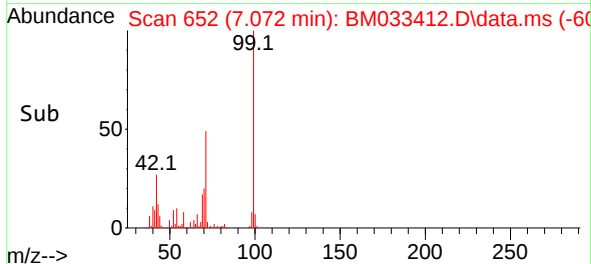
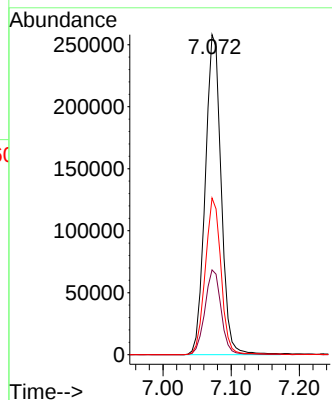
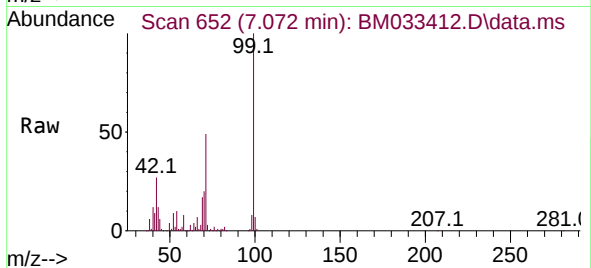




#7  
Phenol-d6  
Concen: 126.194 ng  
RT: 7.072 min Scan# 612  
Delta R.T. -0.018 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

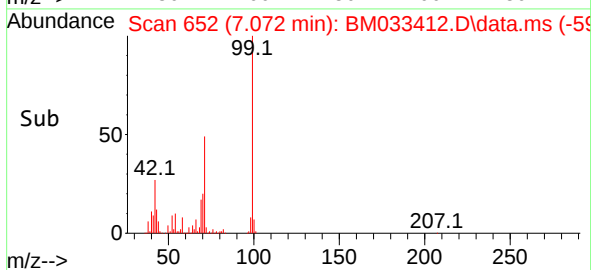
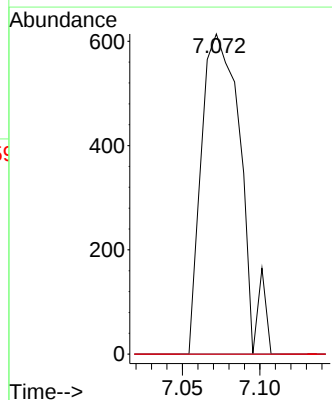
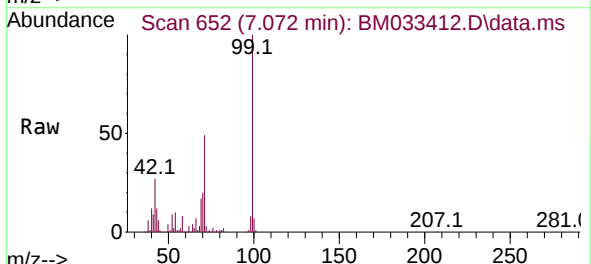
Instrument :  
BNA\_M  
ClientSampleId :

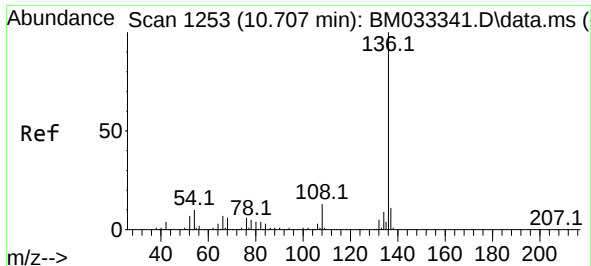
Tgt Ion: 99 Resp: 419595  
Ion Ratio Lower Upper  
99 100  
42 26.5 20.3 30.5  
71 48.9 34.5 51.7



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.072 min Scan# 652  
Delta R.T. 0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

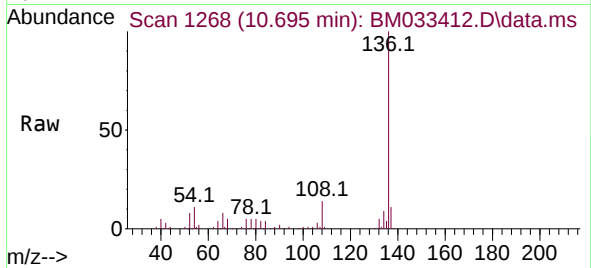
Tgt Ion: 77 Resp: 1080  
Ion Ratio Lower Upper  
77 100  
105 0.0 67.1 107.1#  
106 0.0 64.3 104.3#



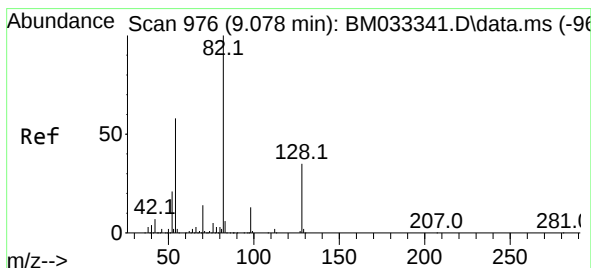
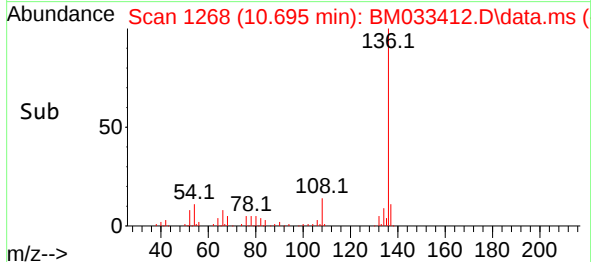
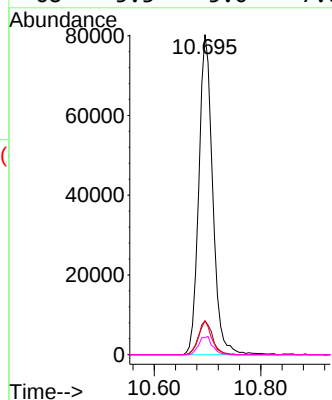


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.695 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

Instrument :  
BNA\_M  
ClientSampleId :

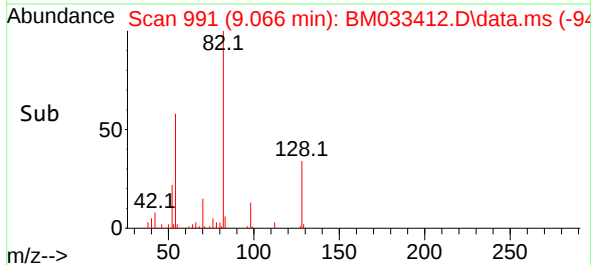
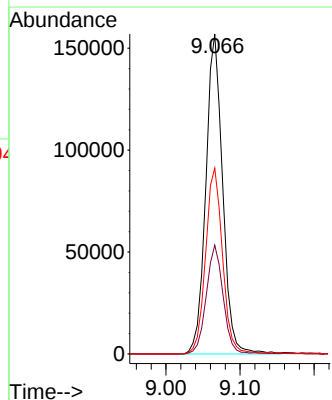
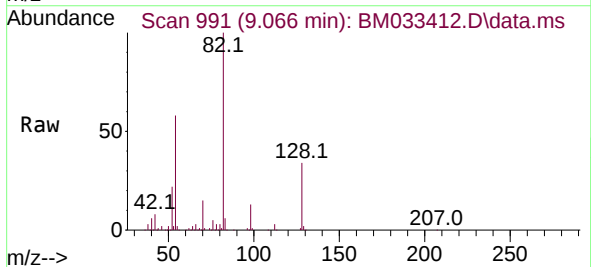


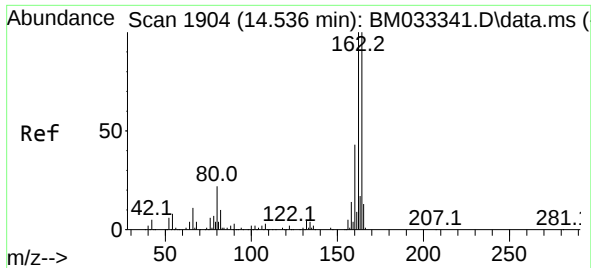
Tgt Ion:136 Resp: 145191  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 10.6 8.3 12.5  
68 5.3 5.0 7.6



#23  
Nitrobenzene-d5  
Concen: 72.519 ng  
RT: 9.066 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

Tgt Ion: 82 Resp: 247973  
Ion Ratio Lower Upper  
82 100  
128 34.0 28.1 42.1  
54 58.1 46.1 69.1

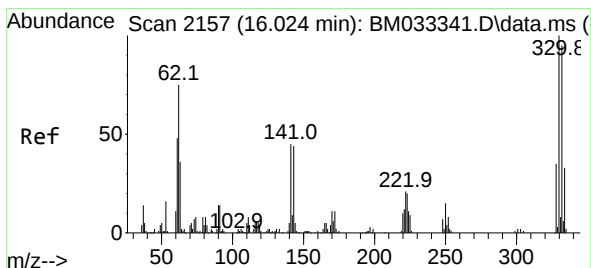
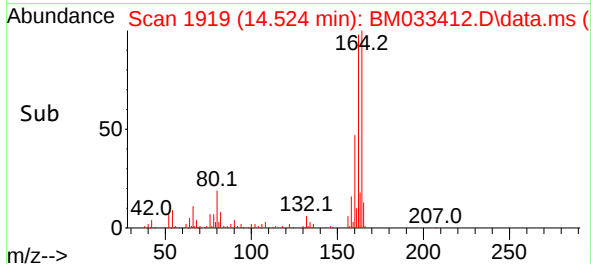
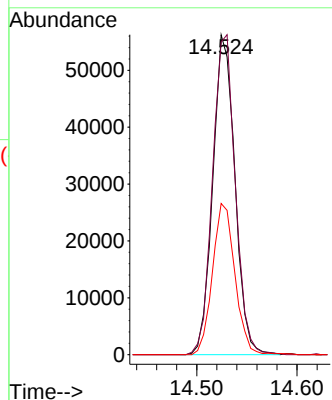
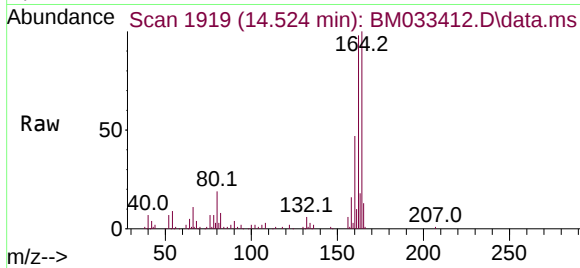




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.524 min Scan# 1919  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

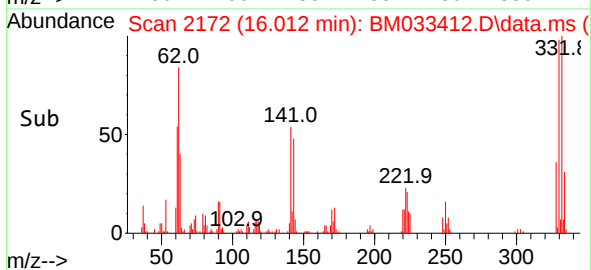
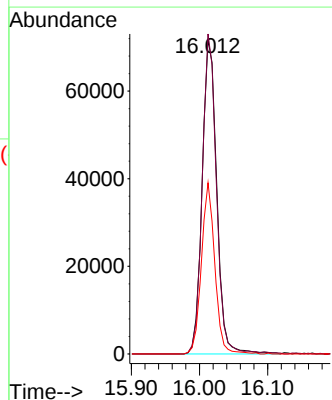
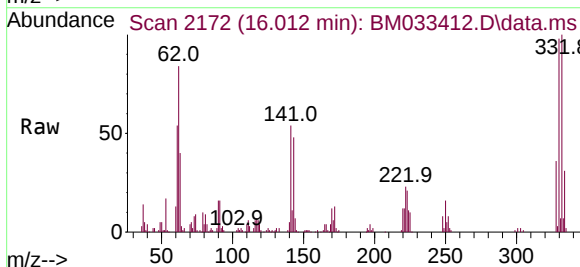
Instrument :  
BNA\_M  
ClientSampleId :

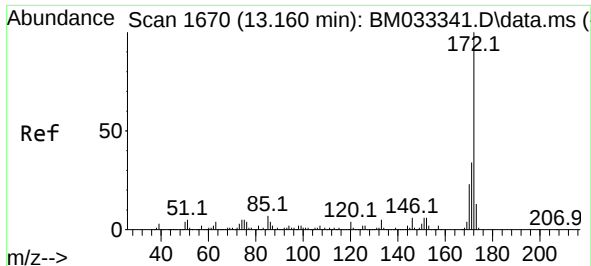
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.8  | 79.7  | 119.5 |
| 160     | 47.3  | 34.2  | 51.4  |



#42  
2,4,6-Tribromophenol  
Concen: 116.571 ng  
RT: 16.012 min Scan# 2172  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

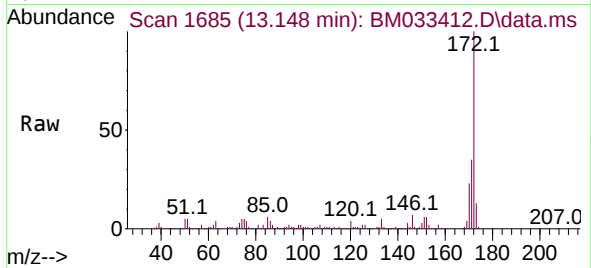
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.9  | 76.5  | 114.7 |
| 141     | 50.0  | 35.9  | 53.9  |



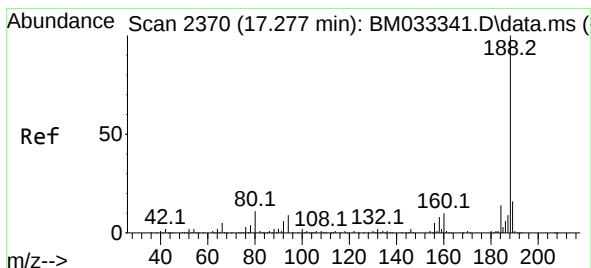
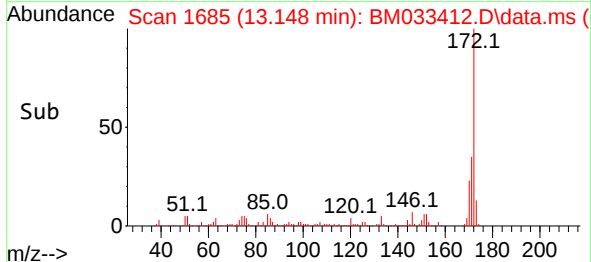
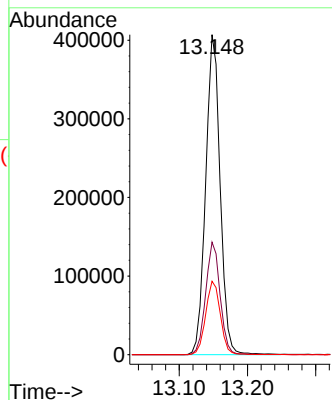


#45  
2-Fluorobiphenyl  
Concen: 96.761 ng  
RT: 13.148 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

Instrument :  
BNA\_M  
ClientSampleId :

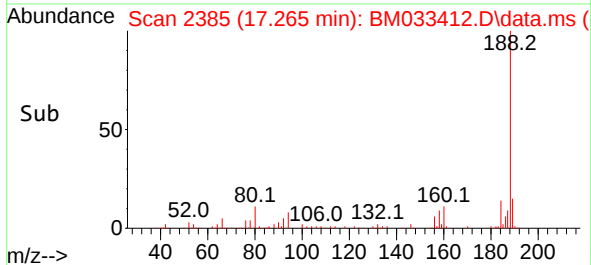
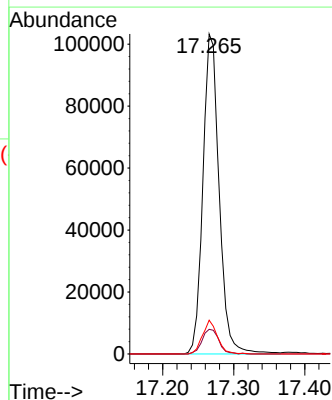
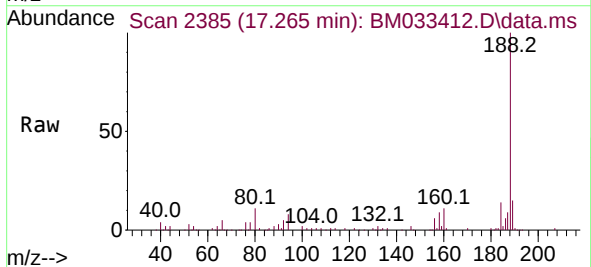


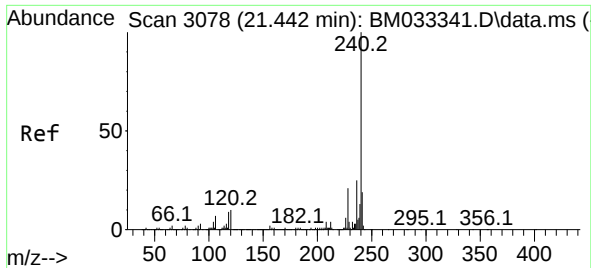
Tgt Ion:172 Resp: 601081  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.2 40.8  
170 23.0 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.265 min Scan# 2385  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

Tgt Ion:188 Resp: 164504  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.5 11.3  
80 10.5 8.9 13.3

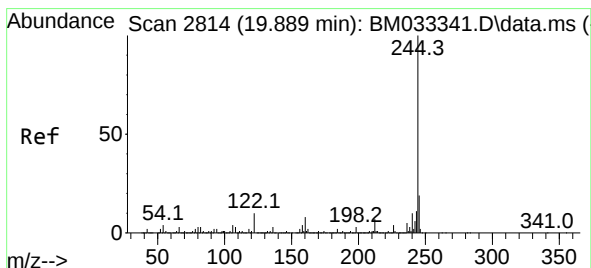
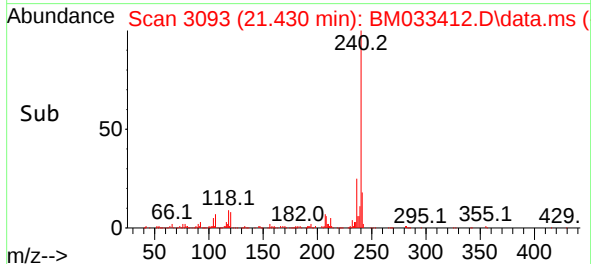
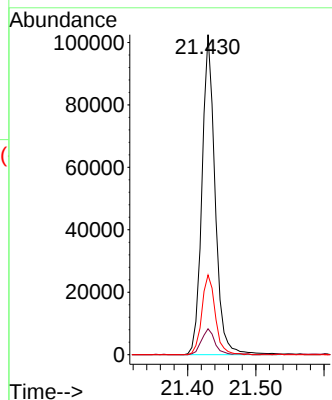
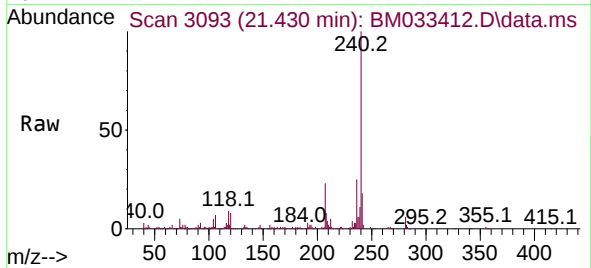




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.430 min Scan# 3078  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

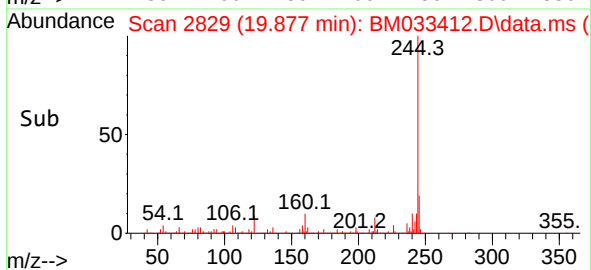
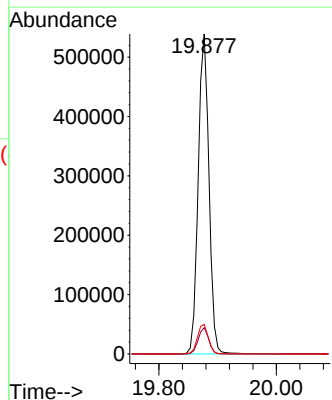
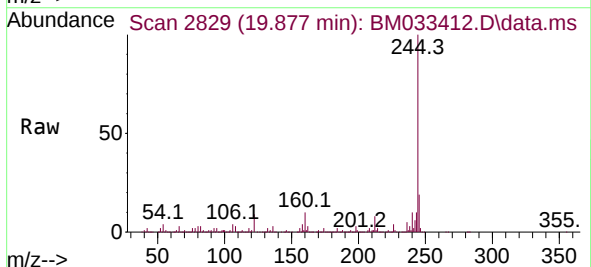
Instrument :  
BNA\_M  
ClientSampleId :

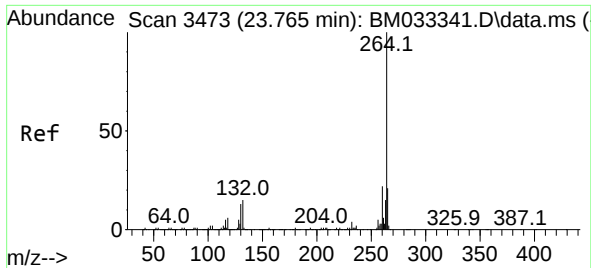
Tgt Ion:240 Resp: 137086  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.8 11.6  
236 24.9 20.3 30.5



#79  
Terphenyl-d14  
Concen: 92.410 ng  
RT: 19.877 min Scan# 2829  
Delta R.T. -0.012 min  
Lab File: BM033412.D  
Acq: 11 Dec 2021 14:57

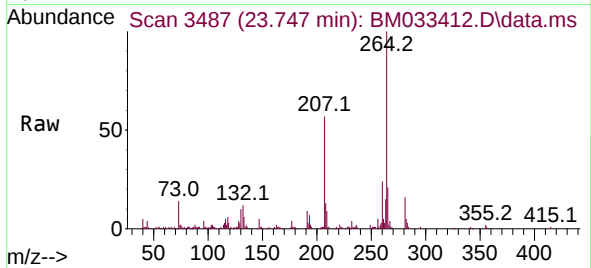
Tgt Ion:244 Resp: 683772  
Ion Ratio Lower Upper  
244 100  
212 8.2 5.9 8.9  
122 9.2 8.4 12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.747 min Scan# 34  
 Delta R.T. -0.018 min  
 Lab File: BM033412.D  
 Acq: 11 Dec 2021 14:57

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion:264 Resp: 130648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 17.7  | 26.5  |
| 265 | 21.4  | 17.7  | 26.5  |

