

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121021\  
 Data File : BM033398.D  
 Acq On : 10 Dec 2021 17:25  
 Operator : CG/JU  
 Sample : M4965-20  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 11 02:12:35 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

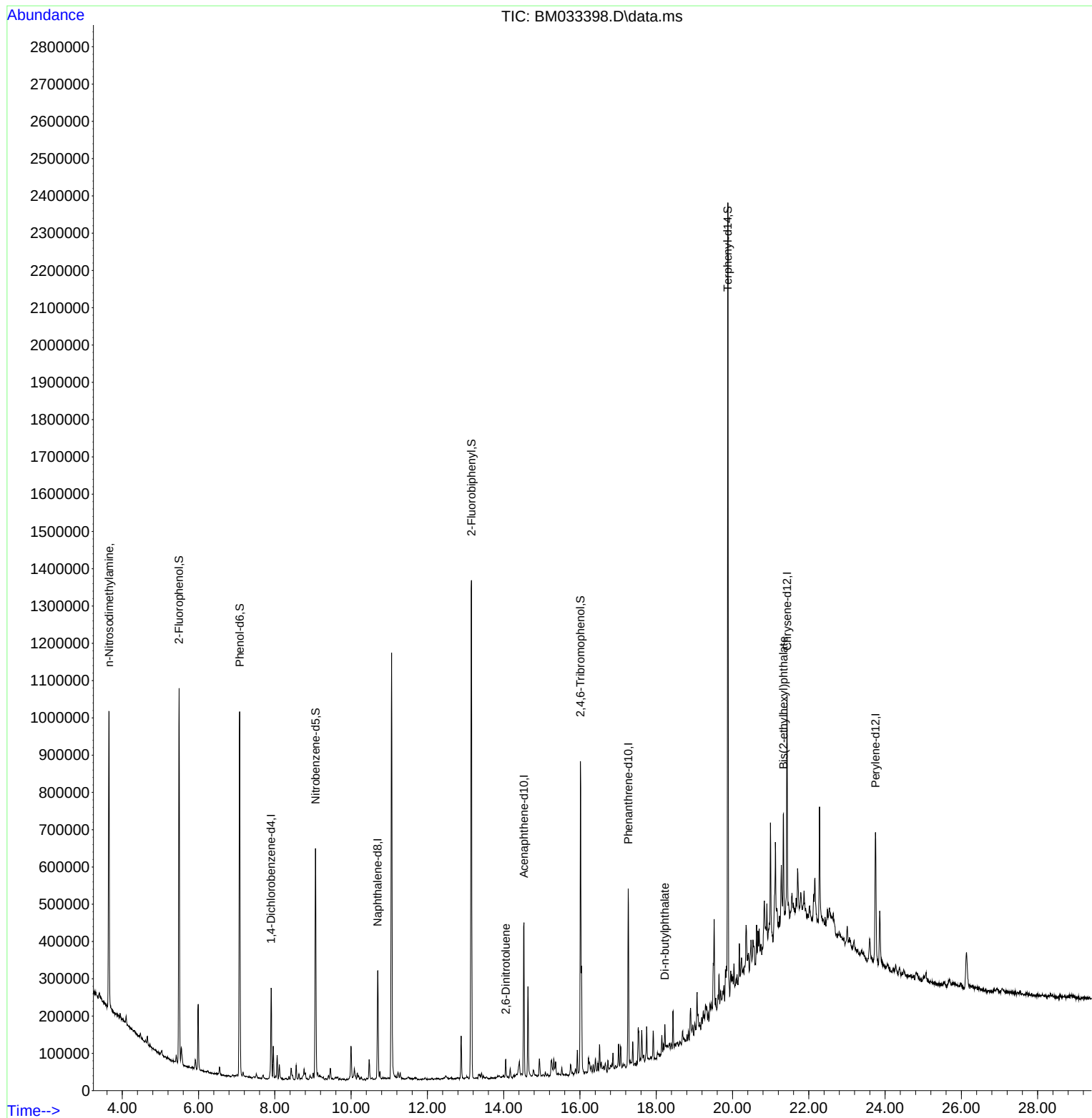
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.901  | 152  | 58494    | 20.000    | ng     | -0.01    |
| 21) Naphthalene-d8            | 10.695 | 136  | 223040   | 20.000    | ng     | -0.01    |
| 39) Acenaphthene-d10          | 14.530 | 164  | 135623   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.265 | 188  | 269514   | 20.000    | ng     | -0.01    |
| 76) Chrysene-d12              | 21.430 | 240  | 254116   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12              | 23.747 | 264  | 257016   | 20.000    | ng     | -0.02    |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.490  | 112  | 366075   | 102.670   | ng     | 0.00     |
| 7) Phenol-d6                  | 7.078  | 99   | 471328   | 94.805    | ng     | -0.01    |
| 23) Nitrobenzene-d5           | 9.066  | 82   | 345302   | 65.736    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.013 | 330  | 118652   | 81.784    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.154 | 172  | 639073   | 65.180    | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.877 | 244  | 862194   | 62.860    | ng     | -0.01    |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 4) n-Nitrosodimethylamine     | 3.655  | 42   | 30877    | 13.131    | ng     | # 1      |
| 9) Benzaldehyde               | 7.066  | 77   | 2390     | Below Cal |        | # 46     |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 5112     | 2.543     | ng     | # 24     |
| 74) Di-n-butylphthalate       | 18.224 | 149  | 49465    | 3.183     | ng     | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 74765    | 7.611     | ng     | 100      |
| -----                         |        |      |          |           |        |          |

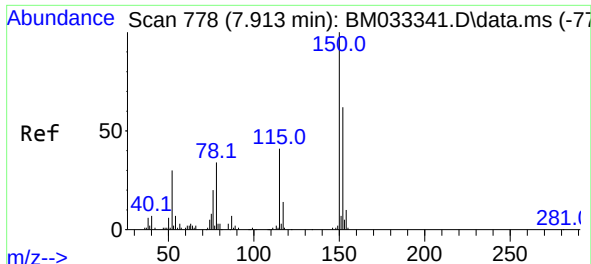
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121021\  
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Operator : CG/JU  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

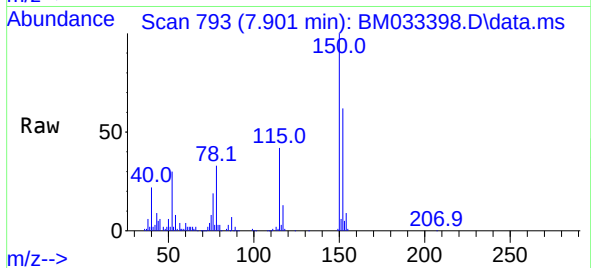
Quant Time: Dec 11 02:12:35 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 09 07:11:07 2021  
Response via : Initial Calibration



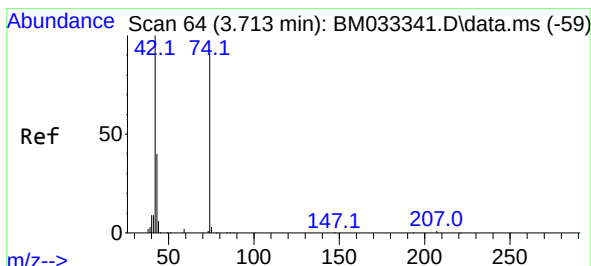
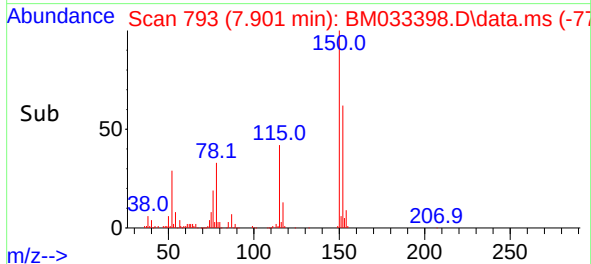
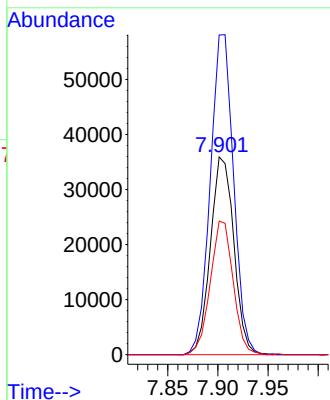


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.901 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Instrument :  
BNA\_M  
ClientSampleId :

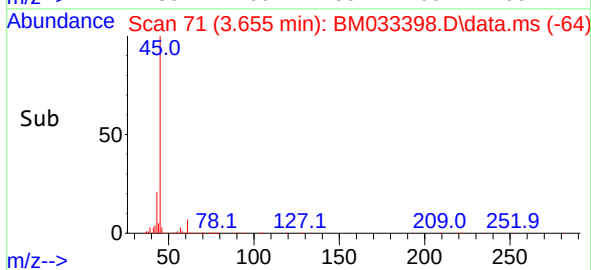
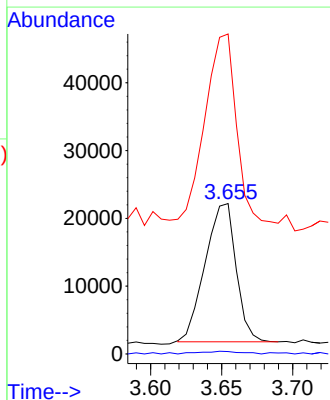
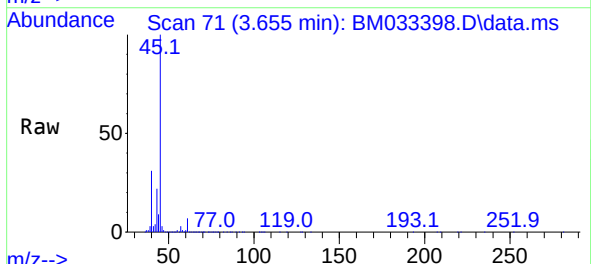


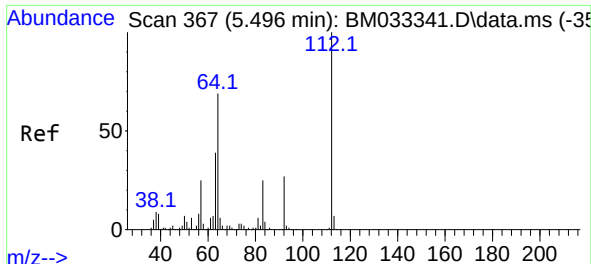
Tgt Ion:152 Resp: 58494  
Ion Ratio Lower Upper  
152 100  
150 161.6 128.9 193.3  
115 67.6 53.0 79.6



#4  
n-Nitrosodimethylamine  
Concen: 13.131 ng  
RT: 3.655 min Scan# 71  
Delta R.T. -0.059 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

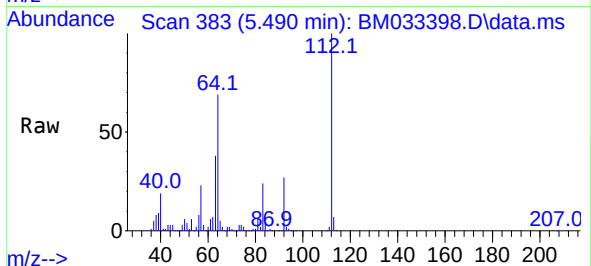
Tgt Ion: 42 Resp: 30877  
Ion Ratio Lower Upper  
42 100  
74 1.6 72.5 108.7#  
44 212.8 5.4 8.2#



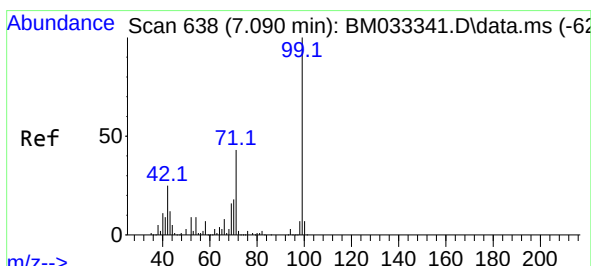
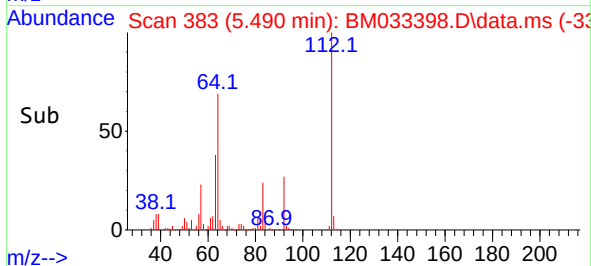
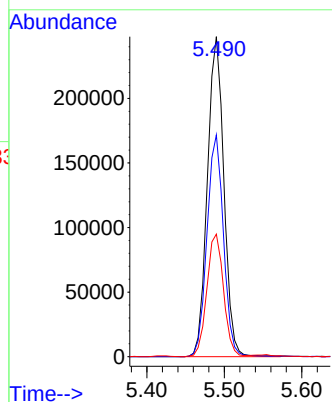


#5  
2-Fluorophenol  
Concen: 102.670 ng  
RT: 5.490 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Instrument :  
BNA\_M  
ClientSampleId :

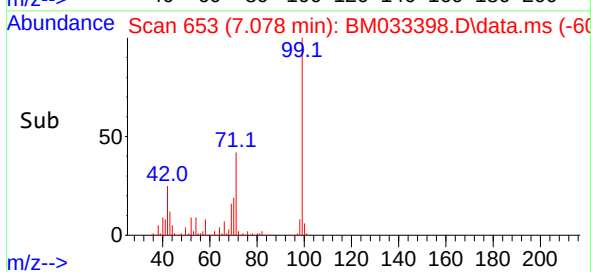
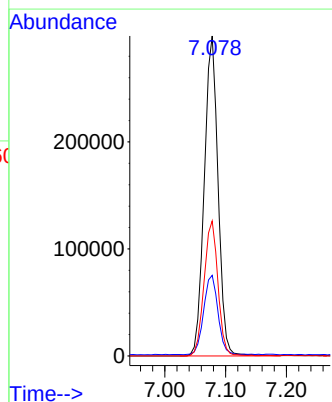
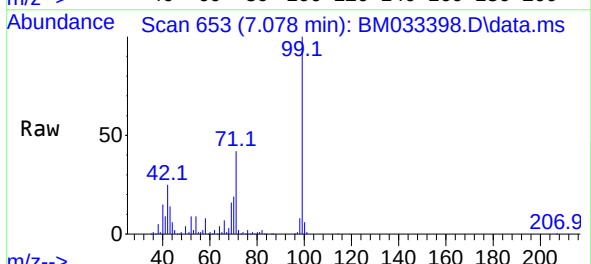


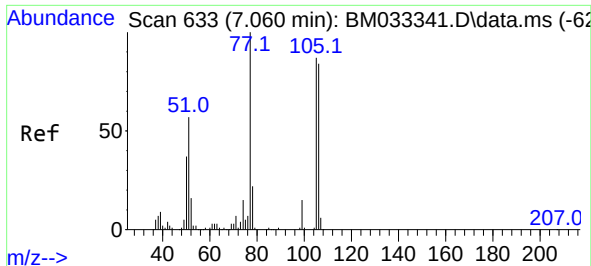
Tgt Ion:112 Resp: 366075  
Ion Ratio Lower Upper  
112 100  
64 69.3 55.5 83.3  
63 38.3 31.3 46.9



#7  
Phenol-d6  
Concen: 94.805 ng  
RT: 7.078 min Scan# 653  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

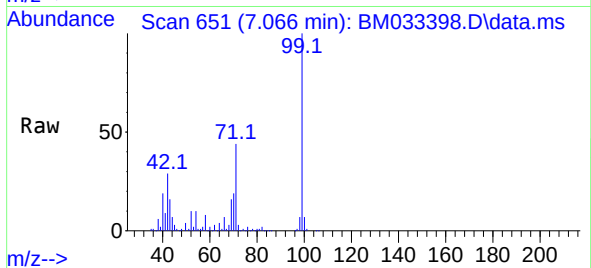
Tgt Ion: 99 Resp: 471328  
Ion Ratio Lower Upper  
99 100  
42 25.2 20.3 30.5  
71 42.2 34.5 51.7



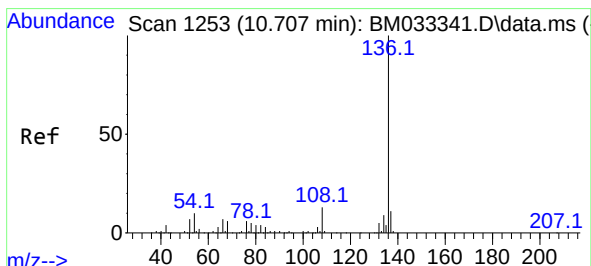
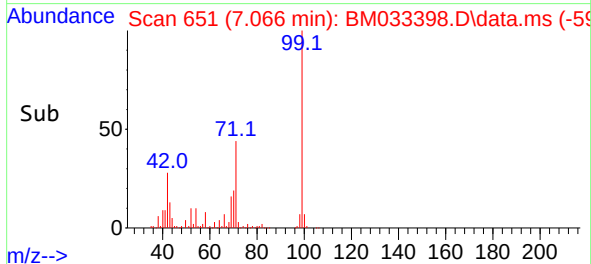
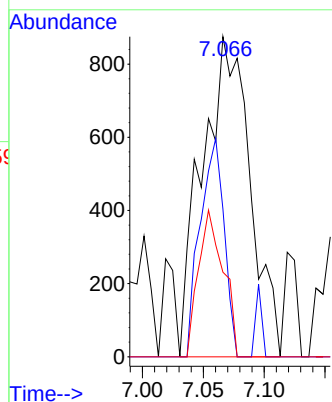


#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.066 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Instrument :  
BNA\_M  
ClientSampleId :

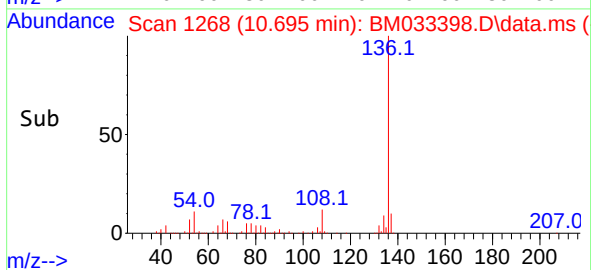
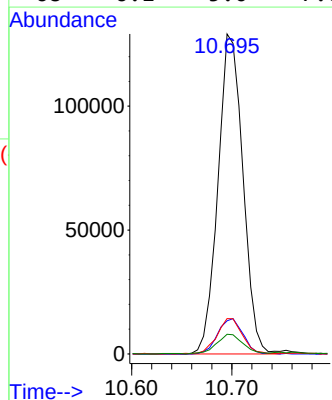
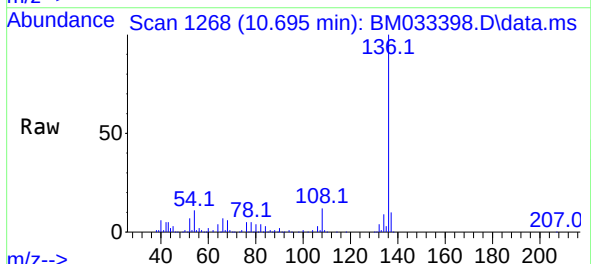


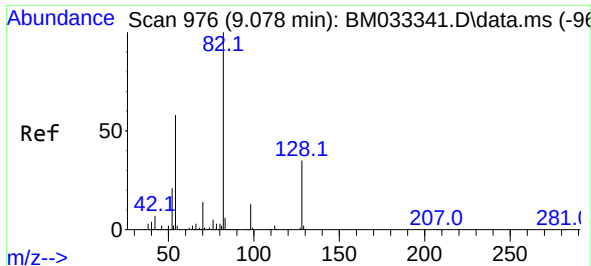
Tgt Ion: 77 Resp: 2390  
Ion Ratio Lower Upper  
77 100  
105 46.2 67.1 107.1#  
106 26.4 64.3 104.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.695 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Tgt Ion: 136 Resp: 223040  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.6 13.0  
54 11.1 8.3 12.5  
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 65.736 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.012 min

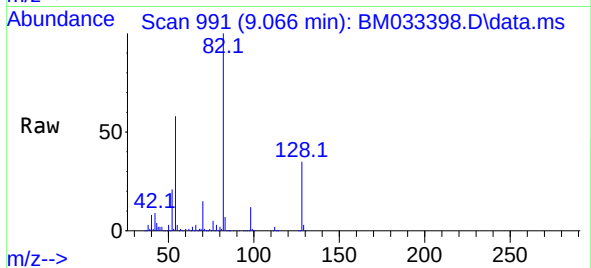
Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

Instrument :

BNA\_M

ClientSampleId :



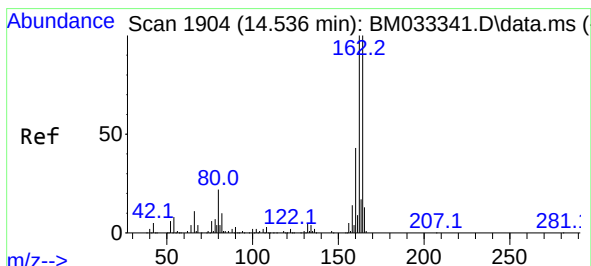
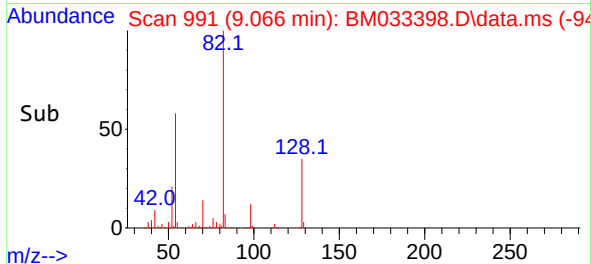
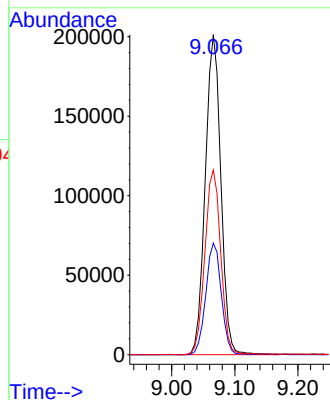
Tgt Ion: 82 Resp: 345302

Ion Ratio Lower Upper

82 100

128 34.8 28.1 42.1

54 57.7 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

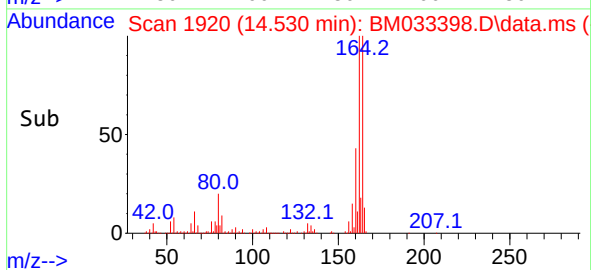
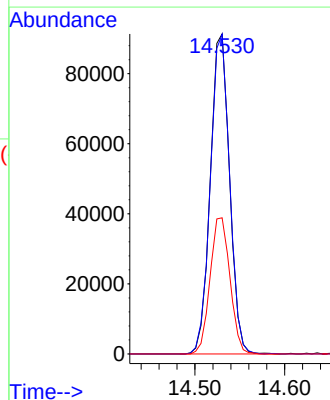
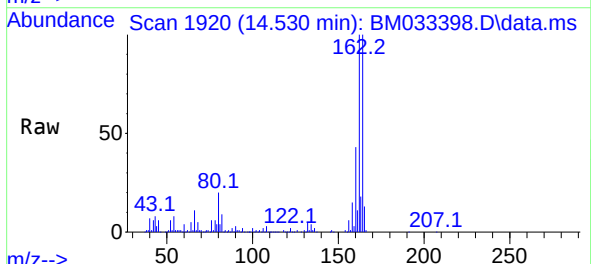
Tgt Ion: 164 Resp: 135623

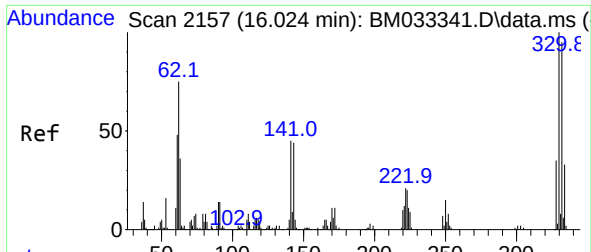
Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 42.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 81.784 ng

RT: 16.013 min Scan# 21

Delta R.T. -0.012 min

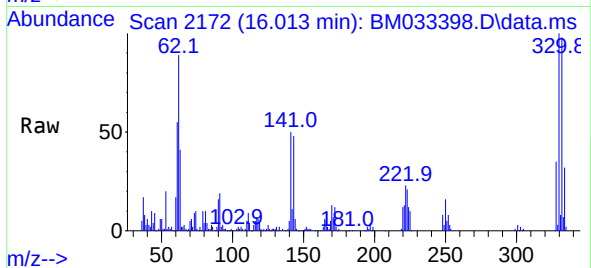
Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

Instrument :

BNA\_M

ClientSampleId :



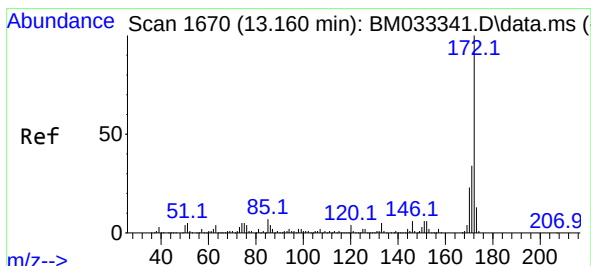
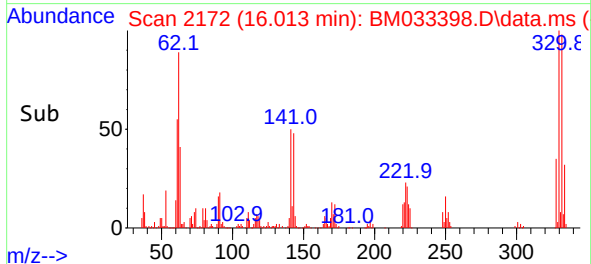
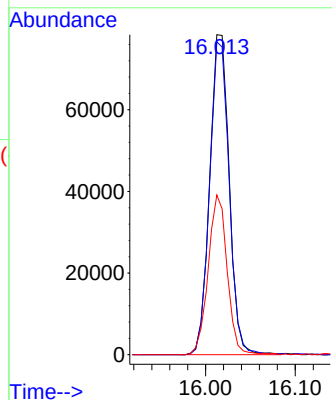
Tgt Ion:330 Resp: 118652

Ion Ratio Lower Upper

330 100

332 97.5 76.5 114.7

141 48.6 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 65.180 ng

RT: 13.154 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

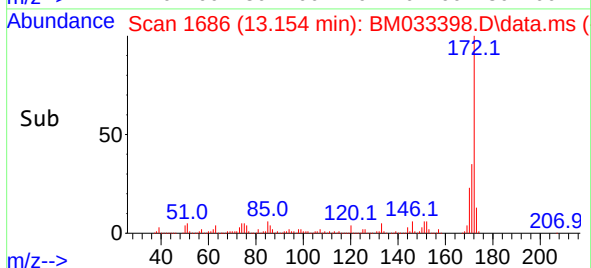
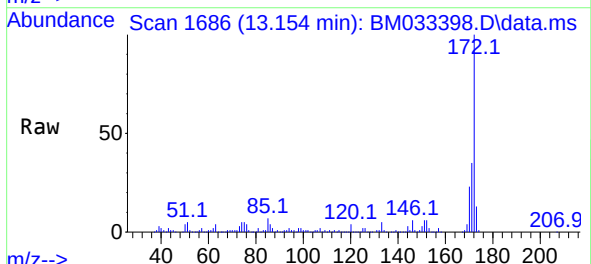
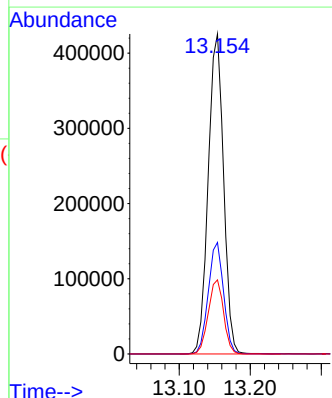
Tgt Ion:172 Resp: 639073

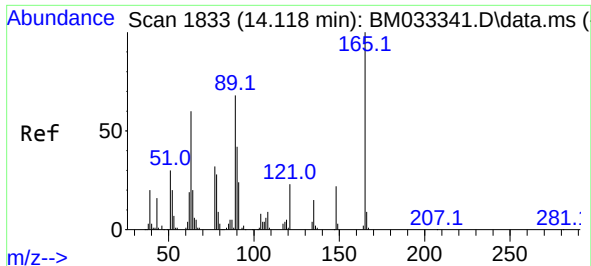
Ion Ratio Lower Upper

172 100

171 34.9 27.2 40.8

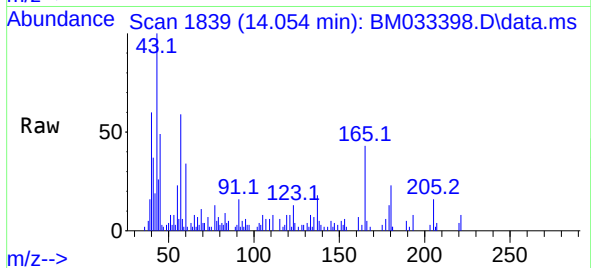
170 23.2 18.7 28.1



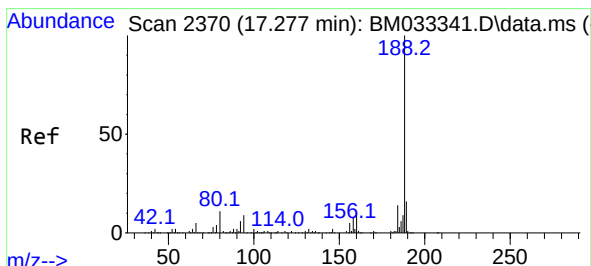
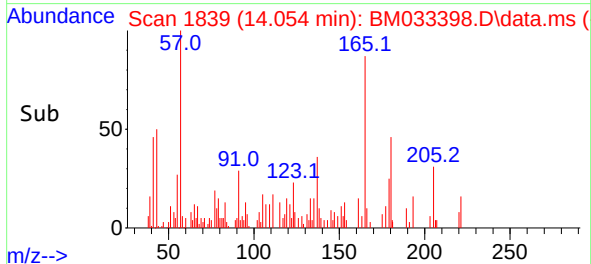
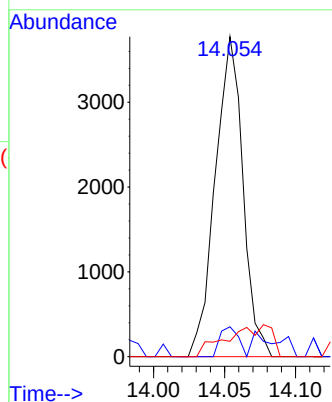


#51  
2,6-Dinitrotoluene  
Concen: 2.543 ng  
RT: 14.054 min Scan# 11  
Delta R.T. -0.065 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Instrument :  
BNA\_M  
ClientSampleId :

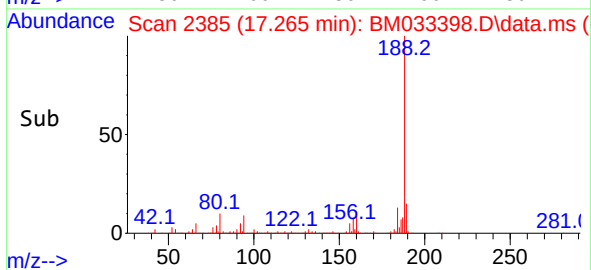
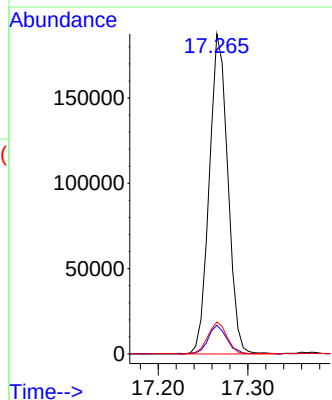
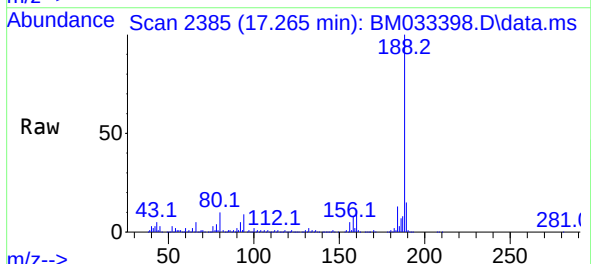


Tgt Ion:165 Resp: 5112  
Ion Ratio Lower Upper  
165 100  
63 9.4 56.9 85.3#  
89 4.8 54.3 81.5#

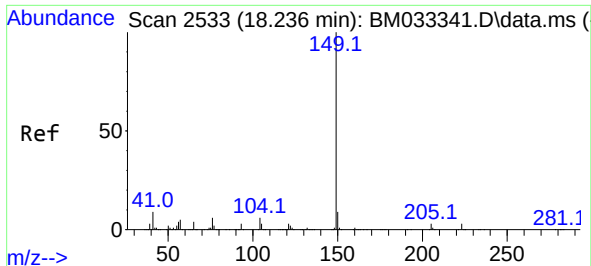


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.265 min Scan# 2385  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Tgt Ion:188 Resp: 269514  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.5 11.3  
80 10.0 8.9 13.3

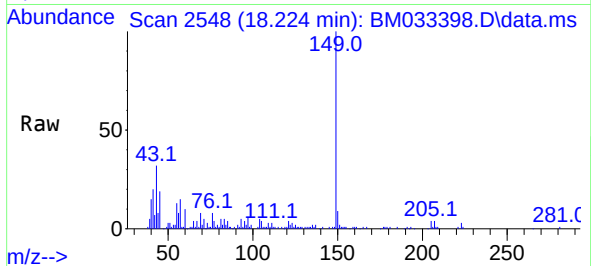




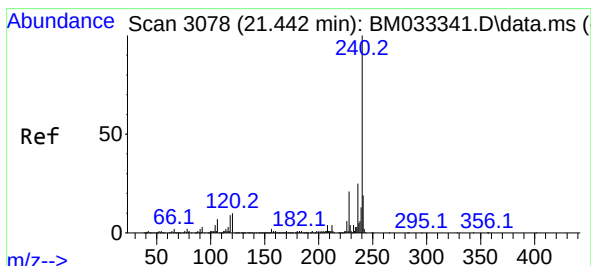
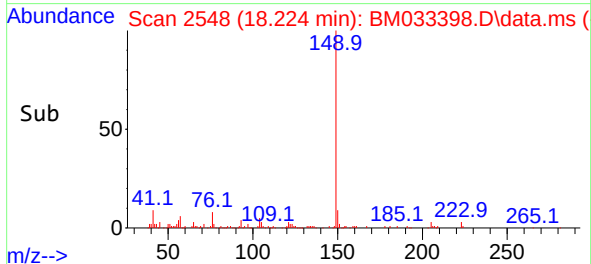
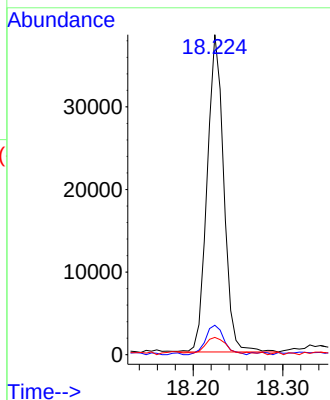


#74  
Di-n-butylphthalate  
Concen: 3.183 ng  
RT: 18.224 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

Instrument :  
BNA\_M  
ClientSampleId :

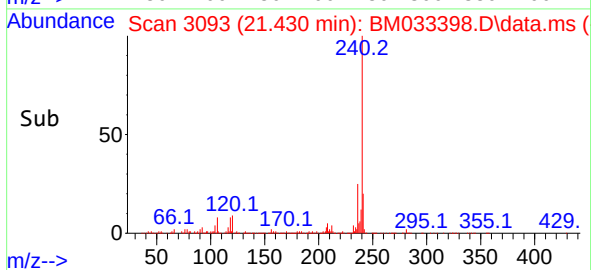
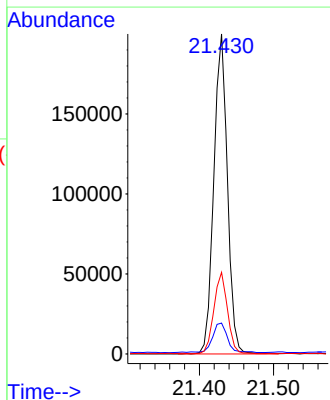
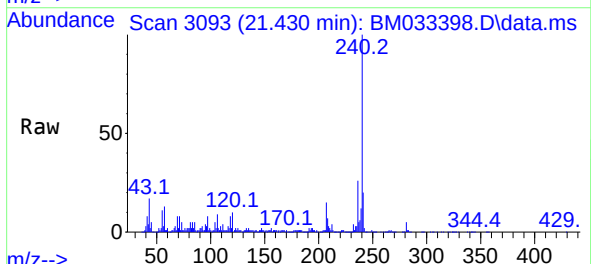


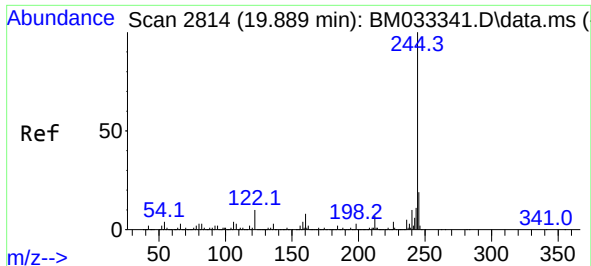
Tgt Ion:149 Resp: 49465  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.3 10.9  
104 5.4 4.6 6.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.430 min Scan# 3093  
Delta R.T. -0.012 min  
Lab File: BM033398.D  
Acq: 10 Dec 2021 17:25

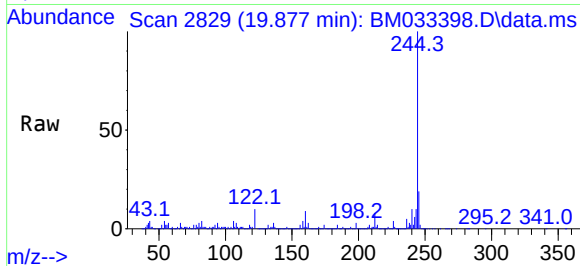
Tgt Ion:240 Resp: 254116  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.8 11.6  
236 25.5 20.3 30.5



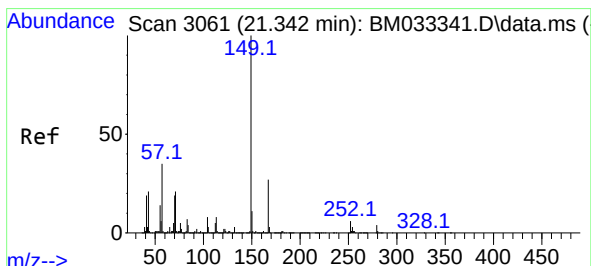
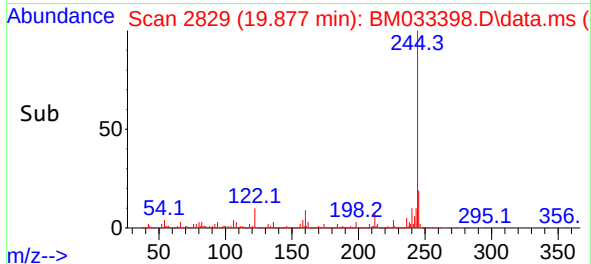
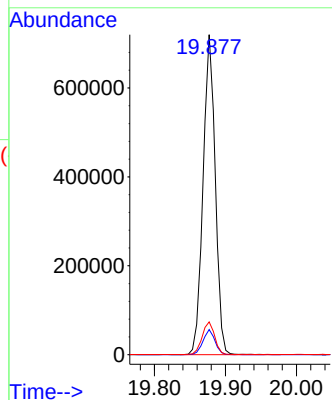


#79  
 Terphenyl-d14  
 Concen: 62.860 ng  
 RT: 19.877 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM033398.D  
 Acq: 10 Dec 2021 17:25

Instrument :  
 BNA\_M  
 ClientSampleId :

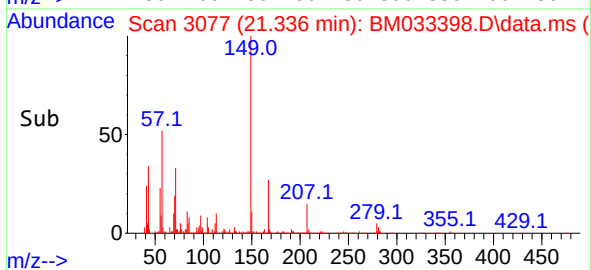
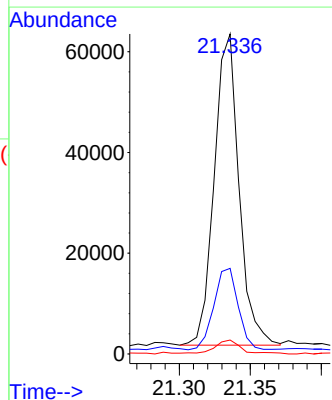
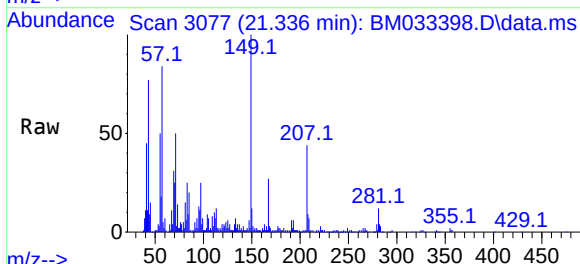


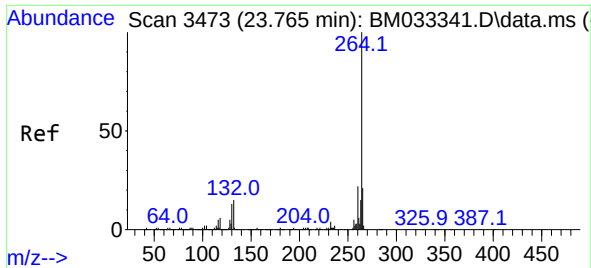
Tgt Ion:244 Resp: 862194  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.9 8.9  
 122 10.3 8.4 12.6



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.611 ng  
 RT: 21.336 min Scan# 3077  
 Delta R.T. -0.006 min  
 Lab File: BM033398.D  
 Acq: 10 Dec 2021 17:25

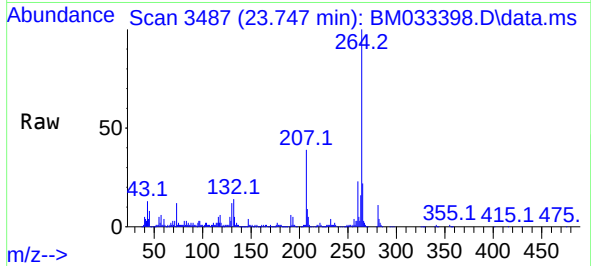
Tgt Ion:149 Resp: 74765  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.4 32.0  
 279 4.3 3.0 4.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.747 min Scan# 34  
 Delta R.T. -0.018 min  
 Lab File: BM033398.D  
 Acq: 10 Dec 2021 17:25

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion:264 Resp: 257016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 17.7  | 26.5  |
| 265 | 21.8  | 17.7  | 26.5  |

