

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020421\  
 Data File : BM028652.D  
 Acq On : 04 Feb 2021 13:50  
 Operator : CG/JU  
 Sample : M1291-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-004-0510

Quant Time: Feb 04 14:26:09 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 16:19:07 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.922  | 152  | 29532    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.733 | 136  | 114906   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.574 | 164  | 62405    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.309 | 188  | 117315   | 20.00 | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.456 | 240  | 107731   | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12            | 23.709 | 264  | 111521   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 177121   | 94.74 | ng    | -0.02    |
| 7) Phenol-d6                | 7.098  | 99   | 222534   | 87.42 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.098  | 82   | 134534   | 55.53 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.062 | 330  | 71838    | 86.88 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 292550   | 58.82 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.915 | 244  | 314505   | 52.72 | ng    | 0.00     |

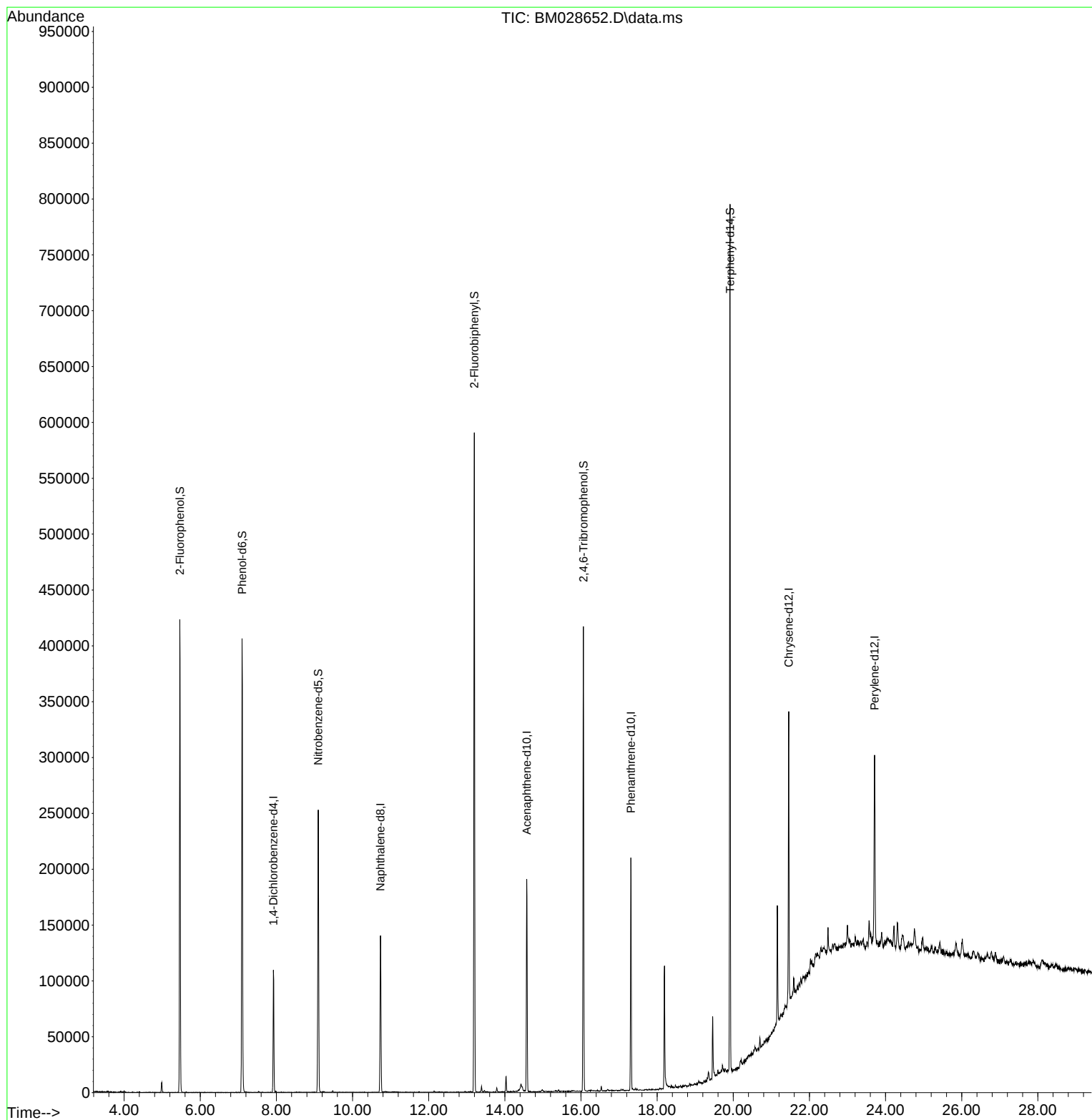
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

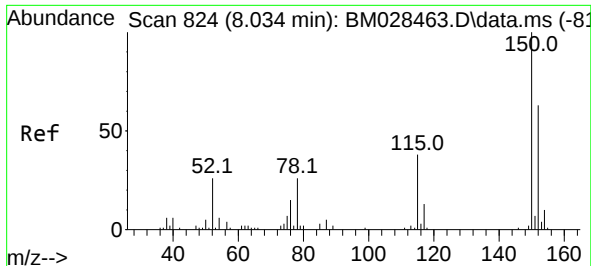
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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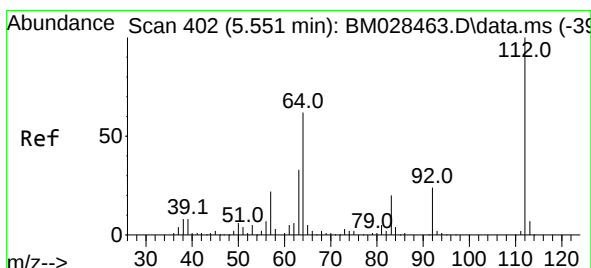
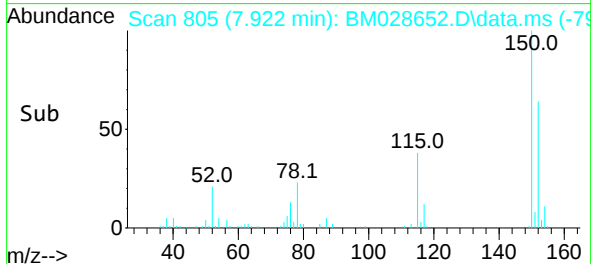
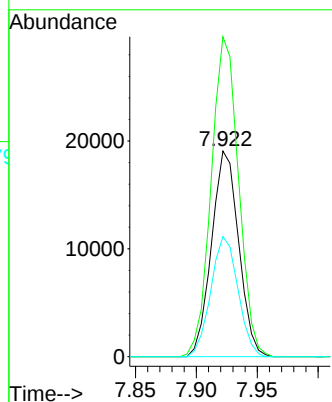
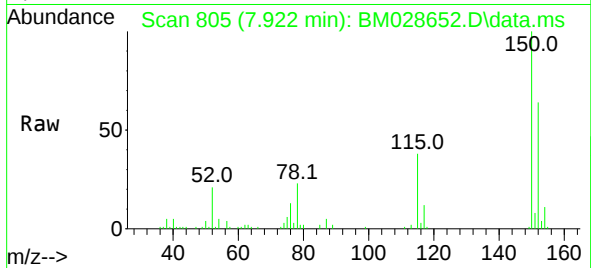




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.922 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

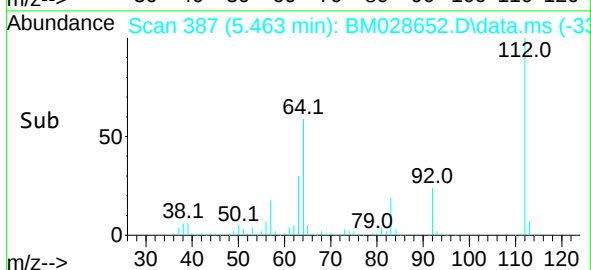
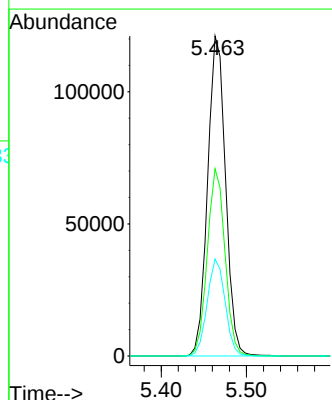
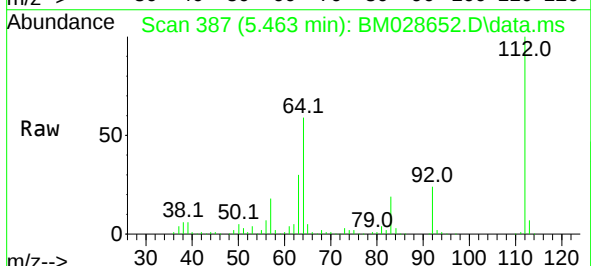
Instrument :  
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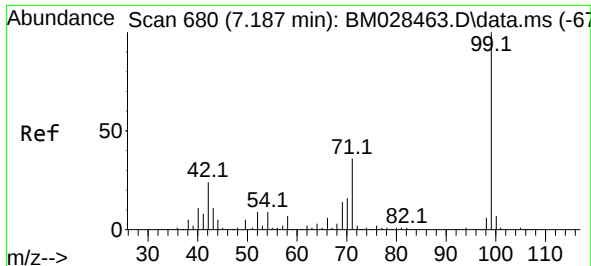
Tgt Ion:152 Resp: 29532  
Ion Ratio Lower Upper  
152 100  
150 155.6 120.6 181.0  
115 58.5 47.2 70.8



#5  
2-Fluorophenol  
Concen: 94.74 ng  
RT: 5.463 min Scan# 387  
Delta R.T. -0.018 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

Tgt Ion:112 Resp: 177121  
Ion Ratio Lower Upper  
112 100  
64 58.5 50.6 76.0  
63 30.3 31.0 46.6#

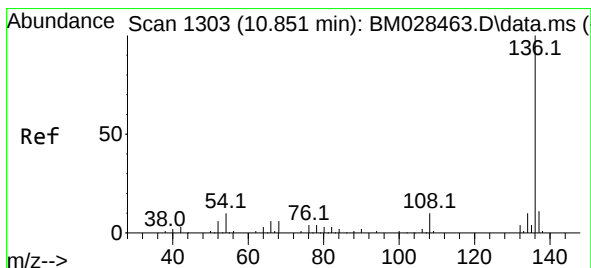
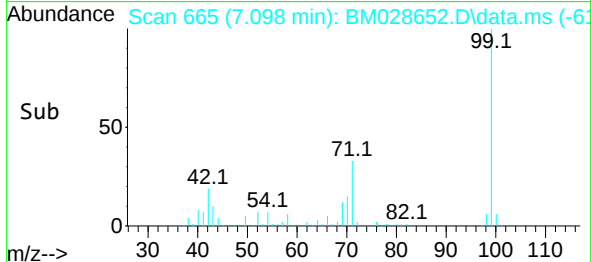
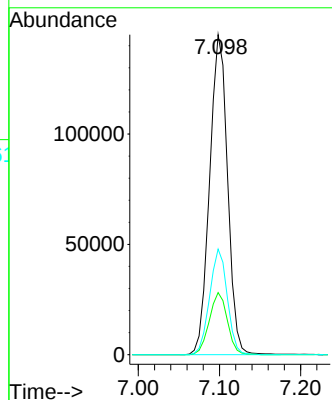
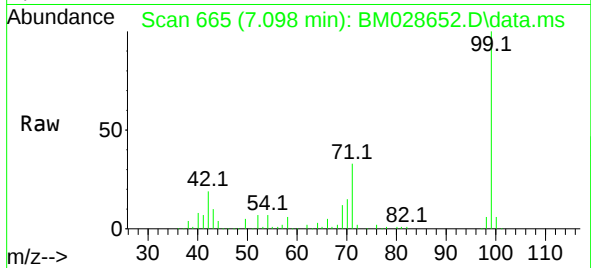




#7  
Phenol-d6  
Concen: 87.42 ng  
RT: 7.098 min Scan# 665  
Delta R.T. -0.024 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

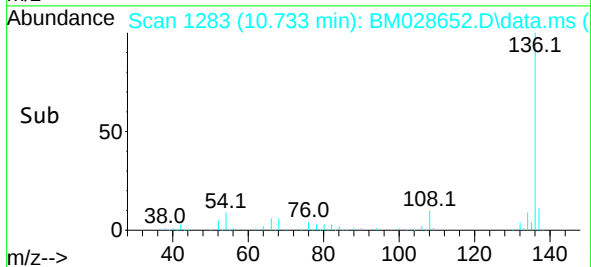
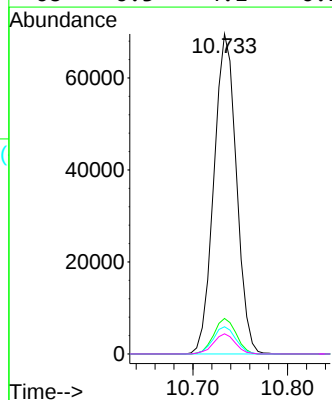
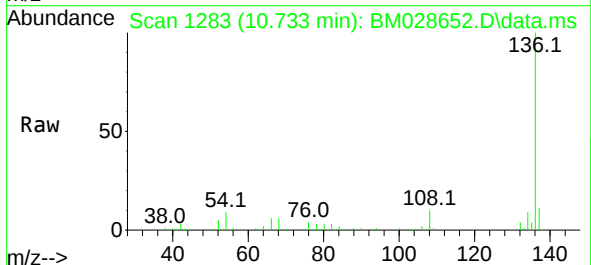
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-004-0510

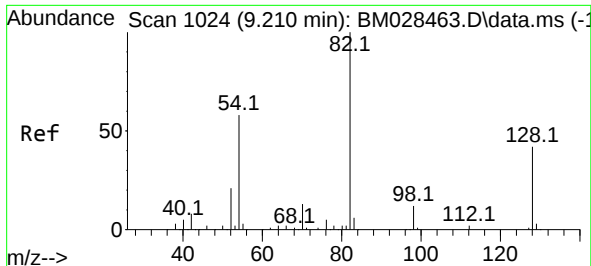
Tgt Ion: 99 Resp: 222534  
Ion Ratio Lower Upper  
99 100  
42 19.4 13.5 20.3  
71 33.0 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.733 min Scan# 1283  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

Tgt Ion: 136 Resp: 114906  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 8.5 4.6 7.0#  
68 6.3 4.1 6.1#

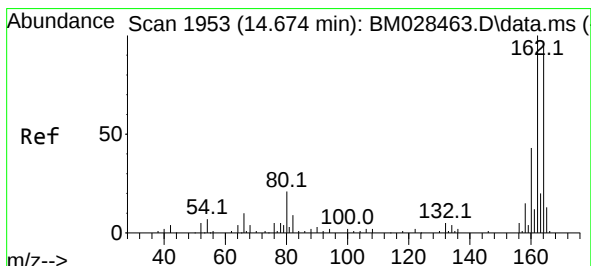
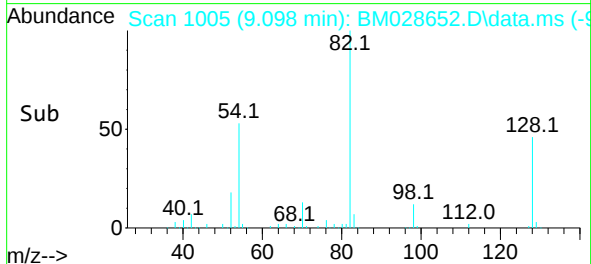
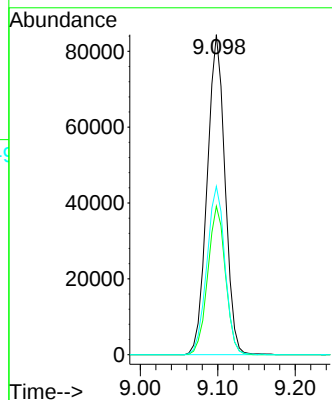
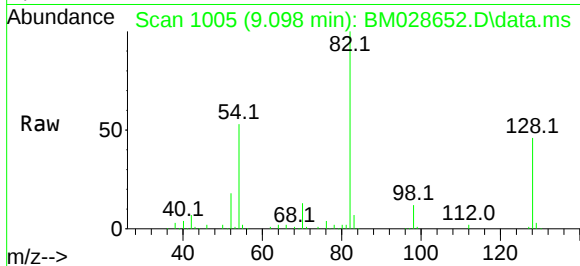




#23  
 Nitrobenzene-d5  
 Concen: 55.53 ng  
 RT: 9.098 min Scan# 1005  
 Delta R.T. -0.012 min  
 Lab File: BM028652.D  
 Acq: 04 Feb 2021 13:50

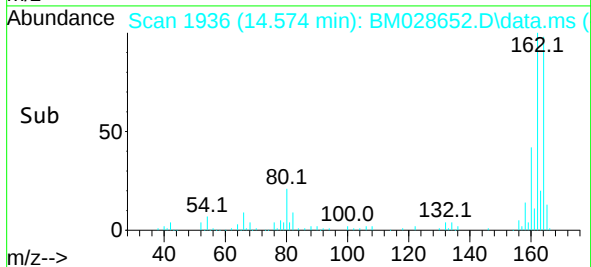
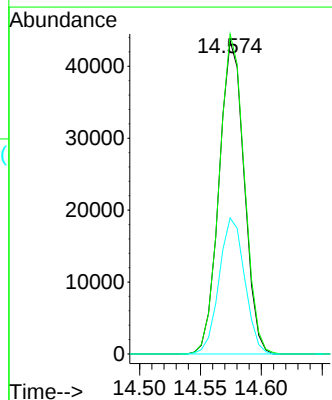
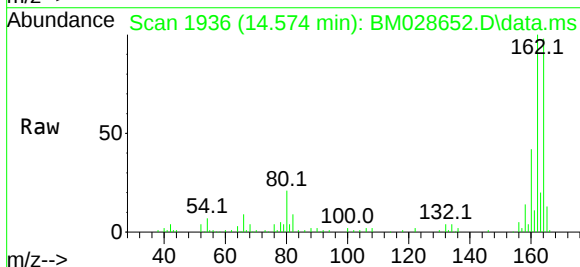
Instrument :  
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 ClientSampleId :  
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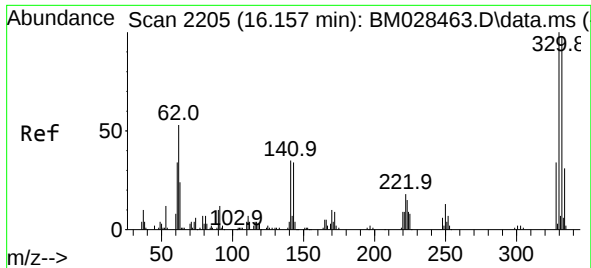
Tgt Ion: 82 Resp: 134534  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 27.4 41.0#  
 54 52.6 31.4 47.0#



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.574 min Scan# 1936  
 Delta R.T. -0.012 min  
 Lab File: BM028652.D  
 Acq: 04 Feb 2021 13:50

Tgt Ion: 164 Resp: 62405  
 Ion Ratio Lower Upper  
 164 100  
 162 102.2 80.4 120.6  
 160 43.4 35.9 53.9

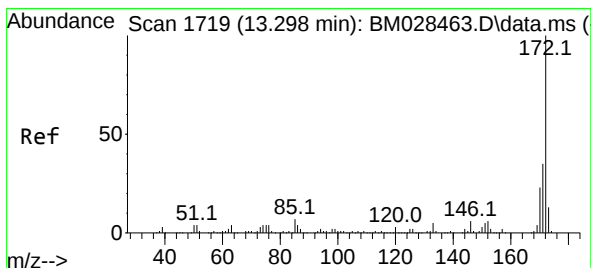
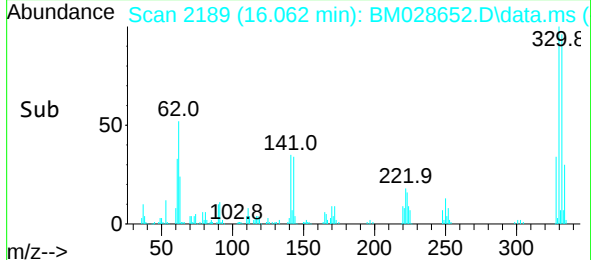
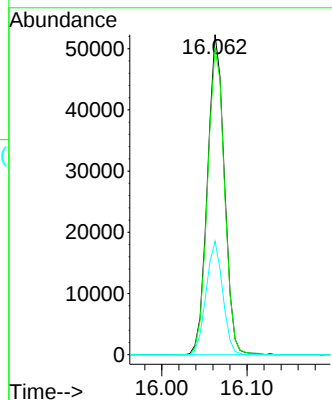
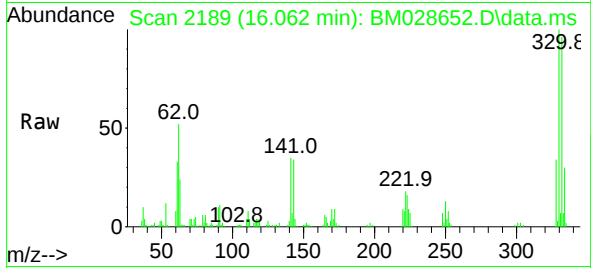




#42  
2,4,6-Tribromophenol  
Concen: 86.88 ng  
RT: 16.062 min Scan# 2189  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

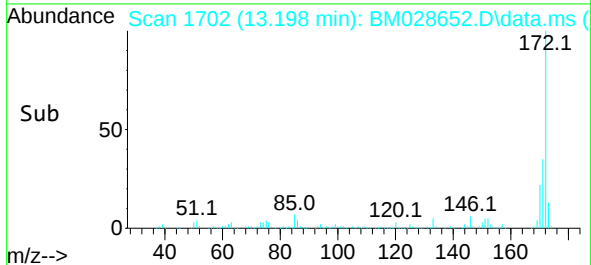
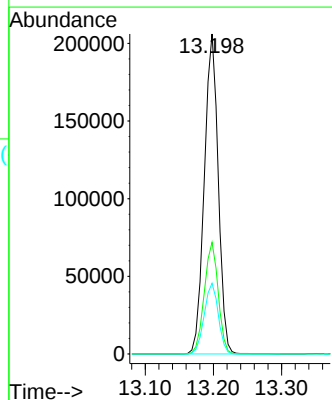
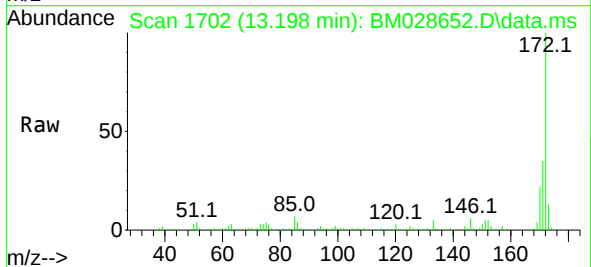
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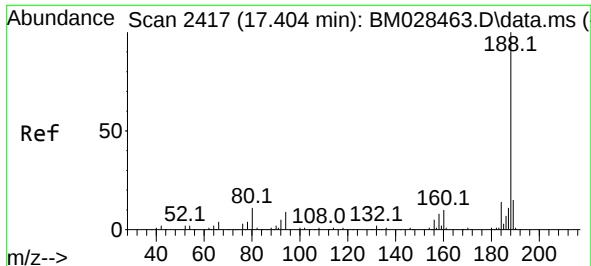
Tgt Ion:330 Resp: 71838  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.8  
141 34.8 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 58.82 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

Tgt Ion:172 Resp: 292550  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 22.1 18.6 27.8

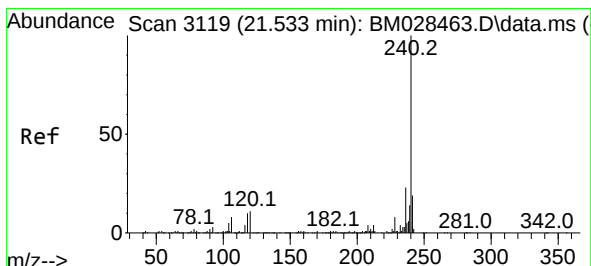
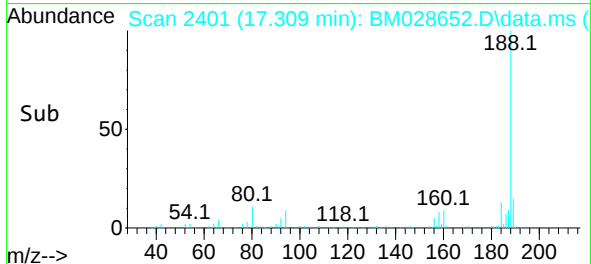
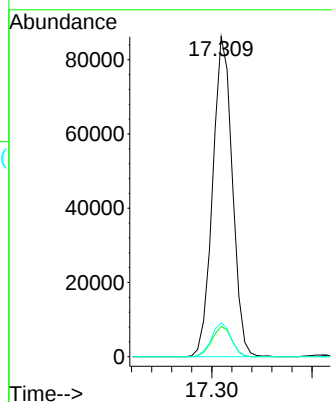
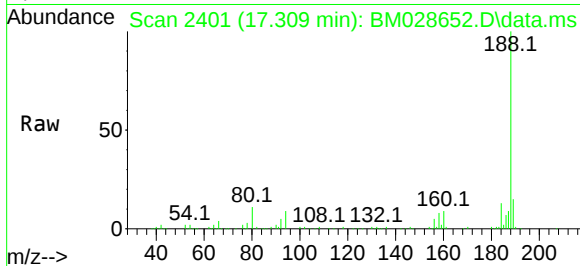




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.309 min Scan# 2401  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

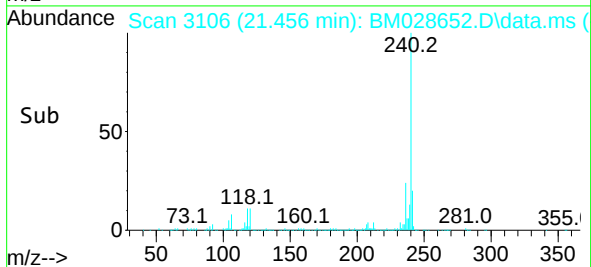
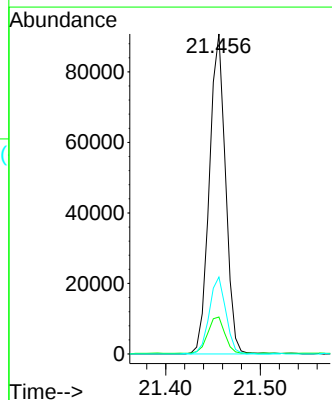
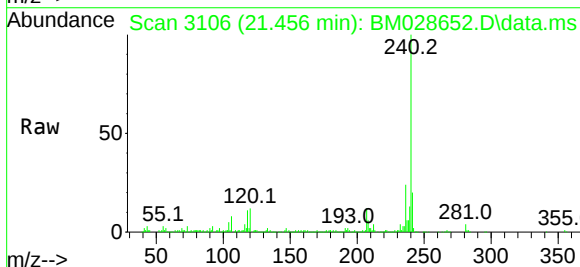
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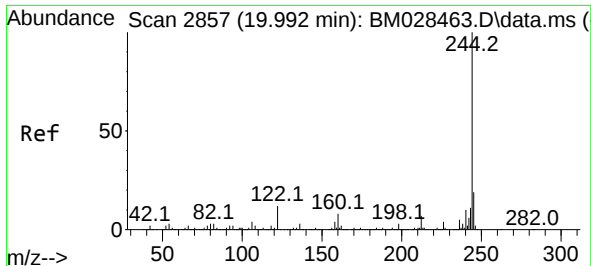
Tgt Ion:188 Resp: 117315  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.2 9.4#  
80 10.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.456 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BM028652.D  
Acq: 04 Feb 2021 13:50

Tgt Ion:240 Resp: 107731  
Ion Ratio Lower Upper  
240 100  
120 11.5 6.4 9.6#  
236 24.1 20.1 30.1

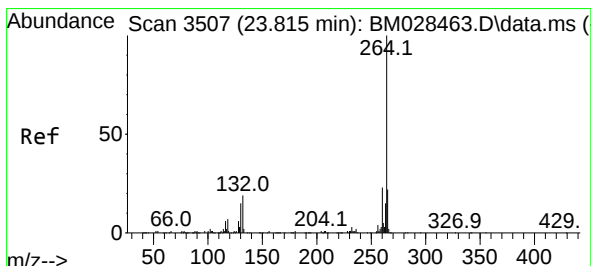
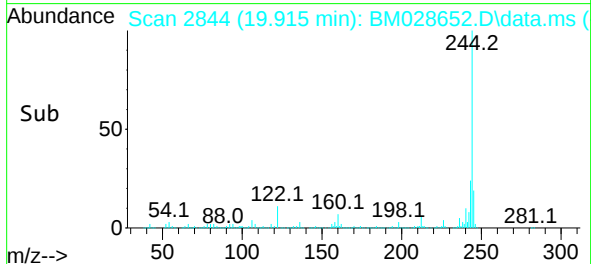
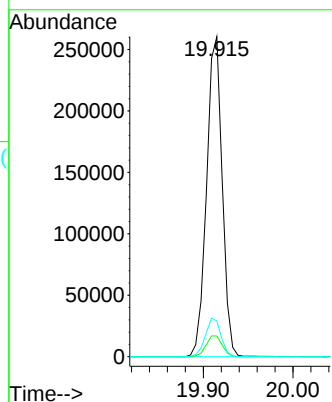
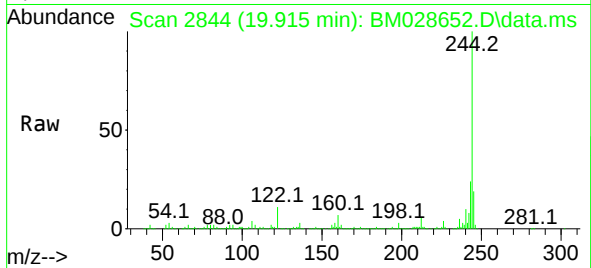




#79  
 Terphenyl-d14  
 Concen: 52.72 ng  
 RT: 19.915 min Scan# 2844  
 Delta R.T. -0.006 min  
 Lab File: BM028652.D  
 Acq: 04 Feb 2021 13:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-004-0510

Tgt Ion:244 Resp: 314505  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.8 8.8  
 122 11.2 6.5 9.7#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.709 min Scan# 3489  
 Delta R.T. -0.018 min  
 Lab File: BM028652.D  
 Acq: 04 Feb 2021 13:50

Tgt Ion:264 Resp: 111521  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.0 28.4  
 265 23.6 17.7 26.5

