

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020321\  
 Data File : BM028640.D  
 Acq On : 03 Feb 2021 12:42  
 Operator : CG/JU  
 Sample : M1292-13  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-010-0002

Quant Time: Feb 03 13:17:44 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  | 24959    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.739 | 136  | 99257    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.580 | 164  | 56362    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.315 | 188  | 115189   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.456 | 240  | 115052   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 23.715 | 264  | 114979   | 20.00  | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 162960   | 103.14 | ng    | -0.01    |
| 7) Phenol-d6                | 7.104  | 99   | 205121   | 95.35  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.098  | 82   | 126138   | 60.27  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.068 | 330  | 75975    | 101.74 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 285333   | 63.52  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.915 | 244  | 378134   | 59.35  | ng    | 0.00     |

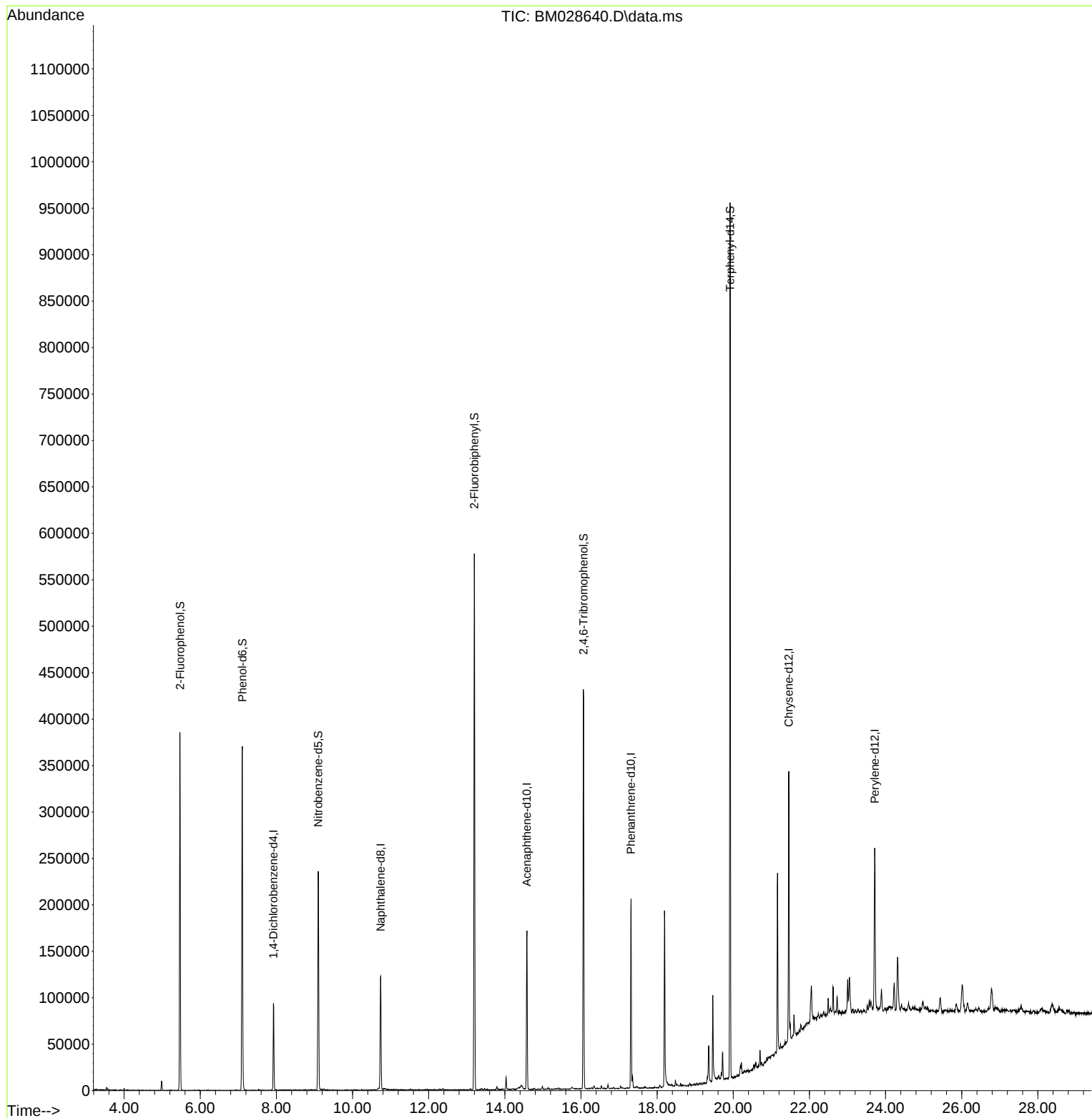
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

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

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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

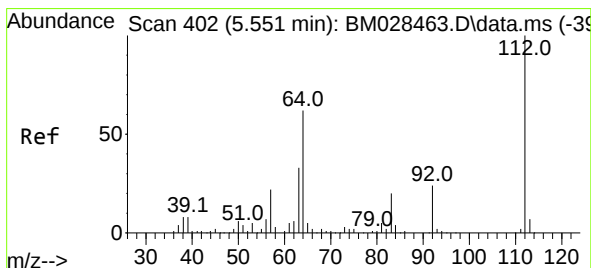
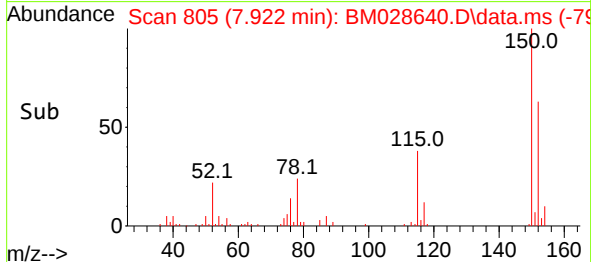
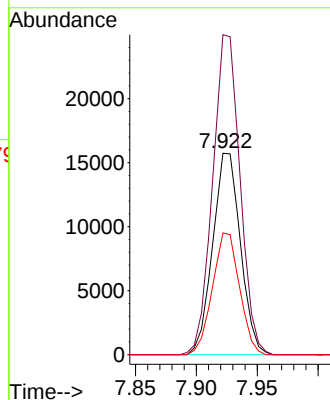
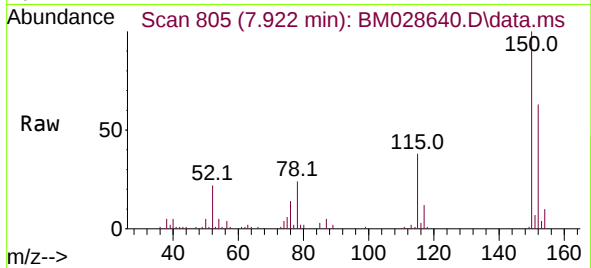




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.922 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

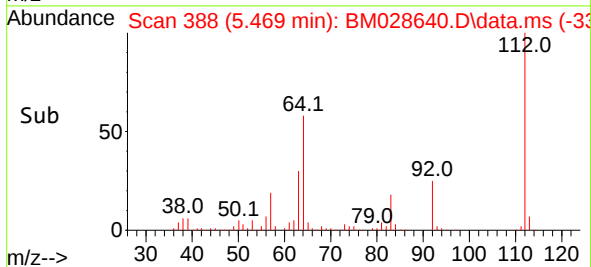
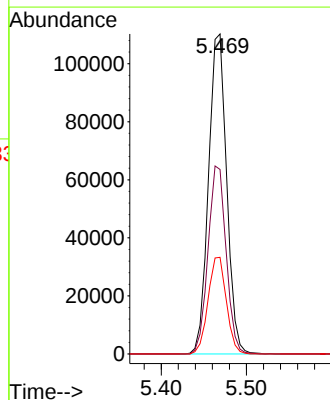
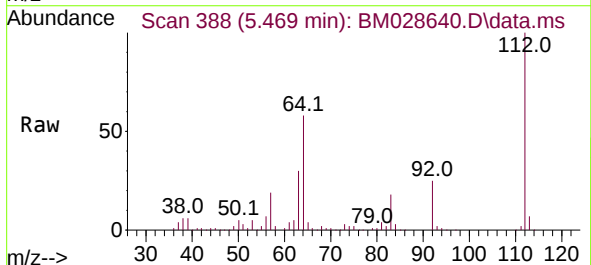
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BNA\_M  
ClientSampleId :  
OU421-010-0002

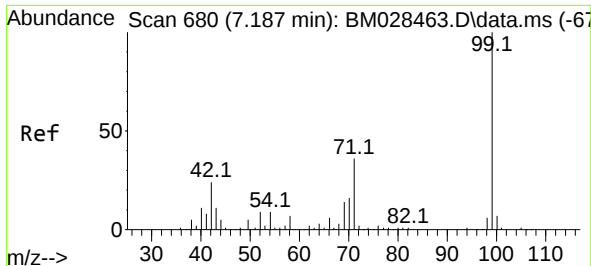
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Ion Ratio Lower Upper  
152 100  
150 158.9 120.6 181.0  
115 60.5 47.2 70.8



#5  
2-Fluorophenol  
Concen: 103.14 ng  
RT: 5.469 min Scan# 388  
Delta R.T. -0.012 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

Tgt Ion:112 Resp: 162960  
Ion Ratio Lower Upper  
112 100  
64 57.7 50.6 76.0  
63 30.2 31.0 46.6#

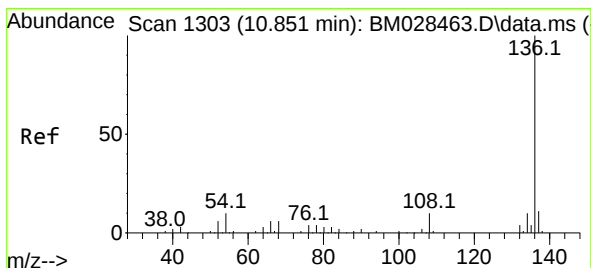
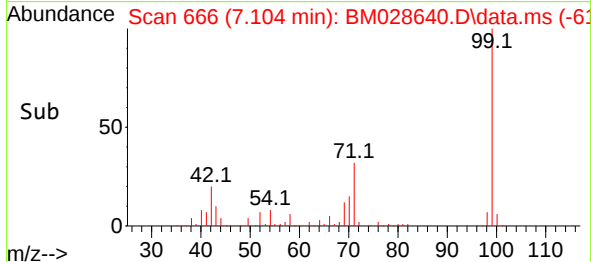
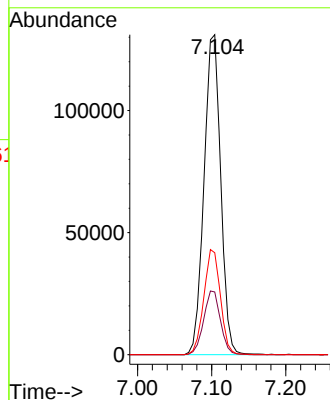
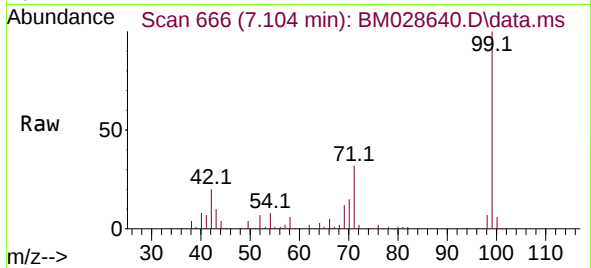




#7  
Phenol-d6  
Concen: 95.35 ng  
RT: 7.104 min Scan# 666  
Delta R.T. -0.018 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

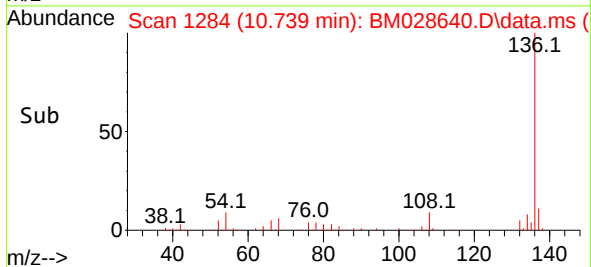
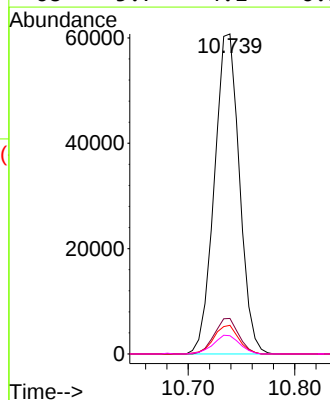
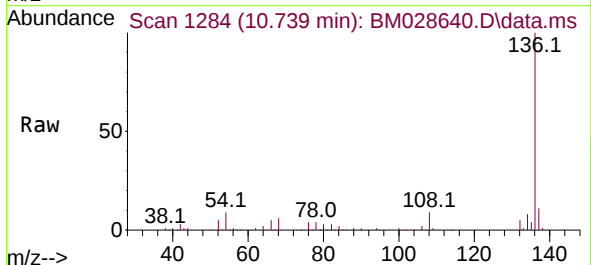
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-010-0002

Tgt Ion: 99 Resp: 205121  
Ion Ratio Lower Upper  
99 100  
42 19.6 13.5 20.3  
71 31.9 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.739 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

Tgt Ion: 136 Resp: 99257  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 8.9 4.6 7.0#  
68 5.7 4.1 6.1

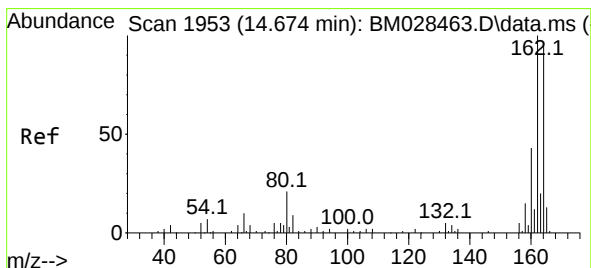
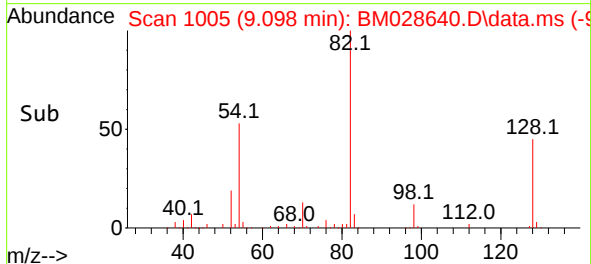
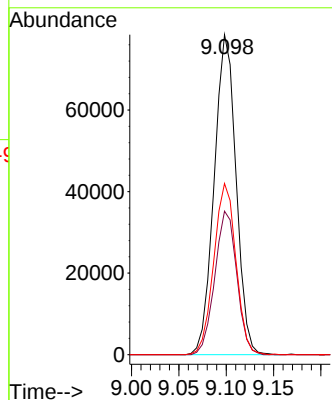
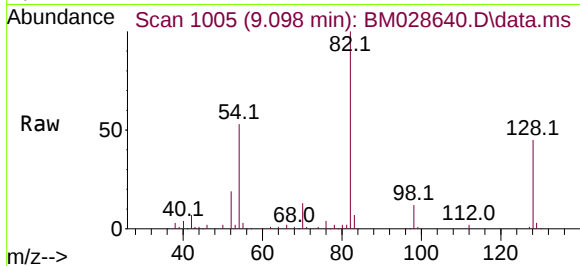




#23  
Nitrobenzene-d5  
Concen: 60.27 ng  
RT: 9.098 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

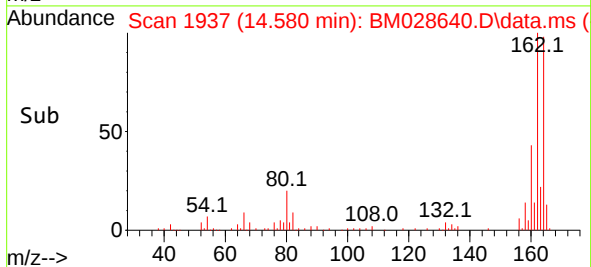
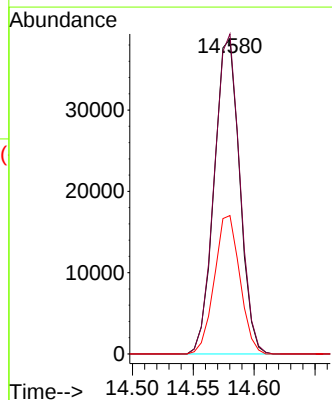
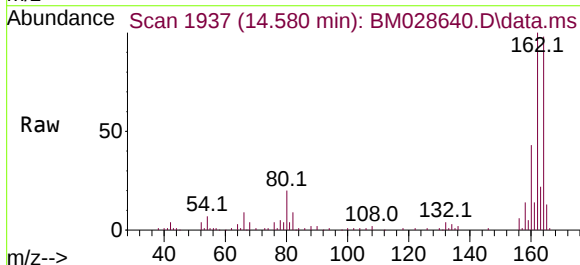
Instrument :  
BNA\_M  
ClientSampleId :  
OU421-010-0002

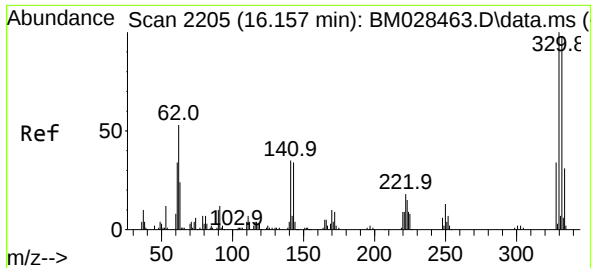
Tgt Ion: 82 Resp: 126138  
Ion Ratio Lower Upper  
82 100  
128 44.9 27.4 41.0#  
54 53.5 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.580 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

Tgt Ion: 164 Resp: 56362  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.4 120.6  
160 44.0 35.9 53.9

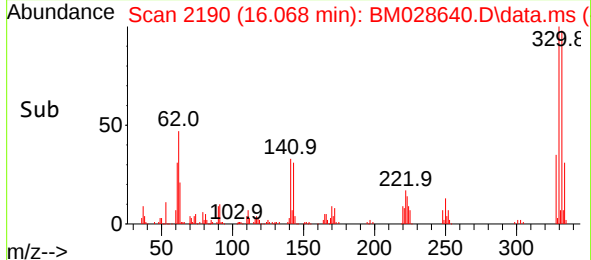
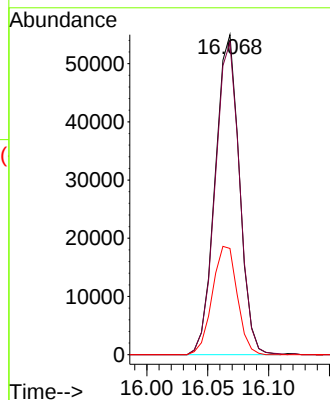
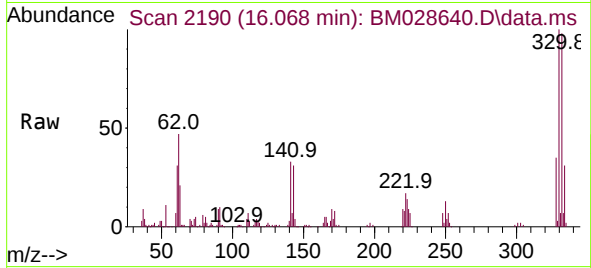




#42  
2,4,6-Tribromophenol  
Concen: 101.74 ng  
RT: 16.068 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

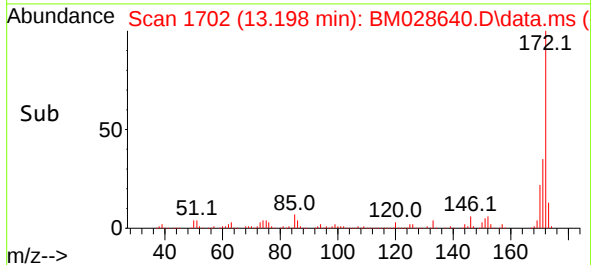
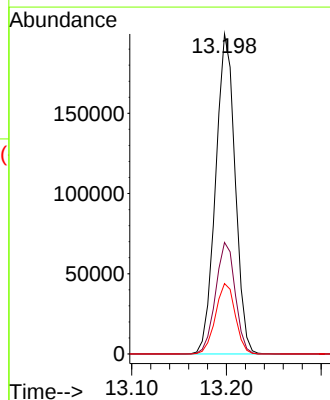
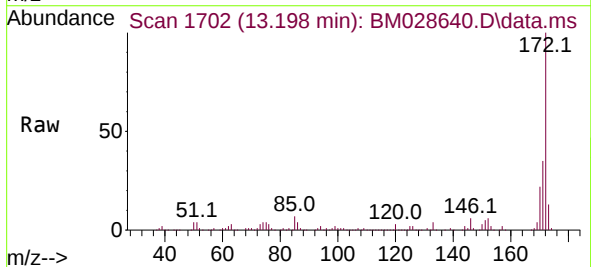
Instrument :  
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ClientSampleId :  
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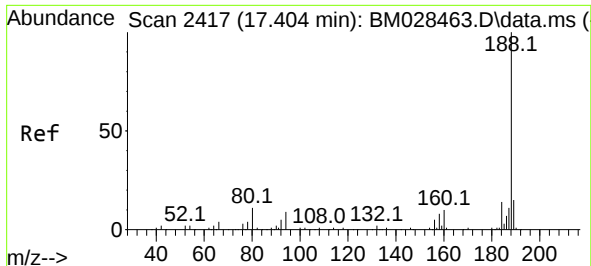
Tgt Ion:330 Resp: 75975  
Ion Ratio Lower Upper  
330 100  
332 98.4 77.8 116.8  
141 35.0 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 63.52 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

Tgt Ion:172 Resp: 285333  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 22.0 18.6 27.8

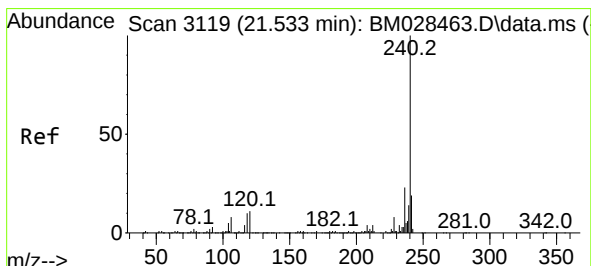
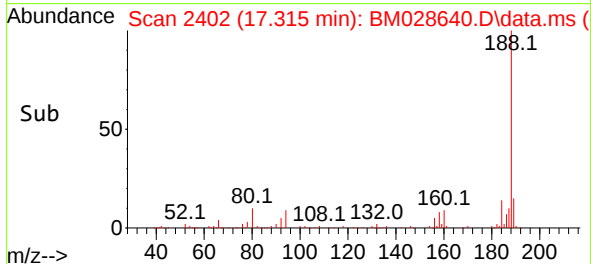
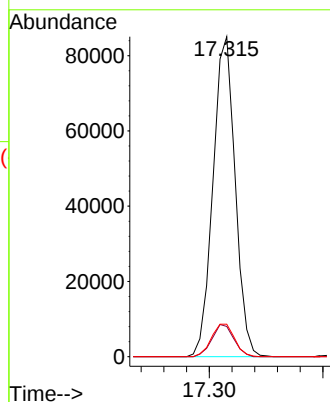
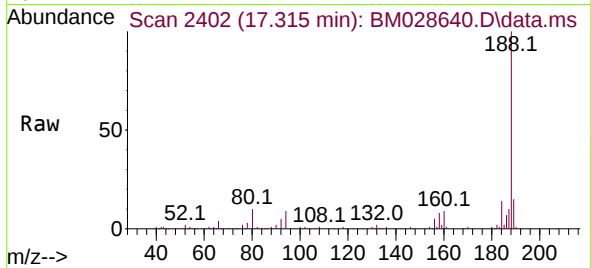




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.315 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

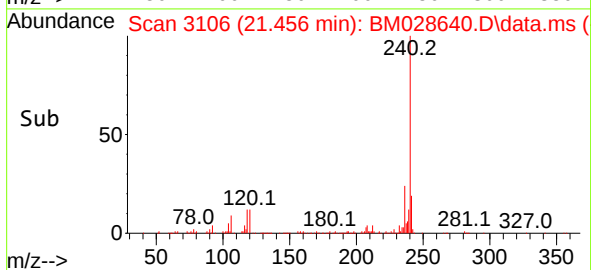
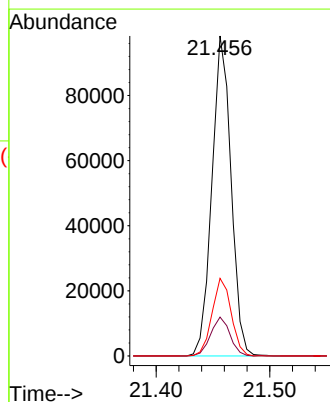
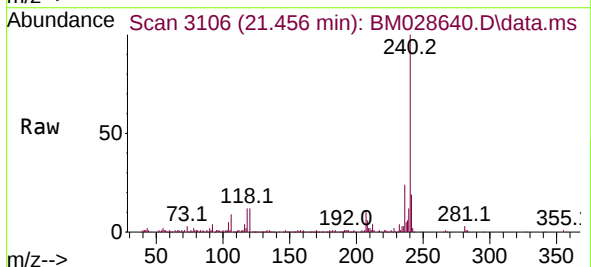
Instrument :  
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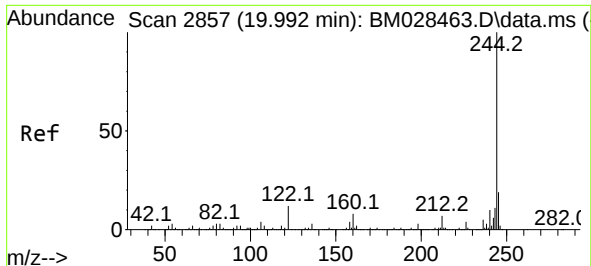
Tgt Ion:188 Resp: 115189  
Ion Ratio Lower Upper  
188 100  
94 9.5 6.2 9.4#  
80 10.2 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.456 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BM028640.D  
Acq: 03 Feb 2021 12:42

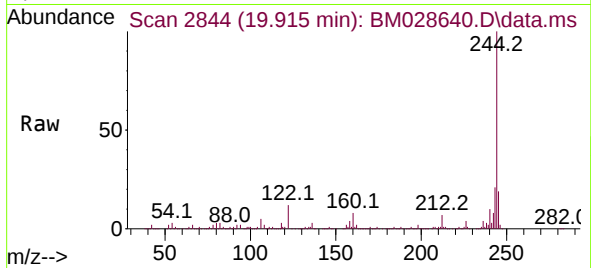
Tgt Ion:240 Resp: 115052  
Ion Ratio Lower Upper  
240 100  
120 12.2 6.4 9.6#  
236 24.2 20.1 30.1



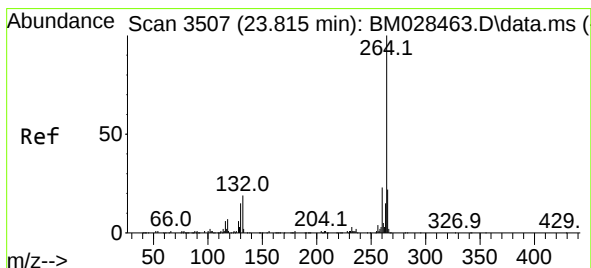
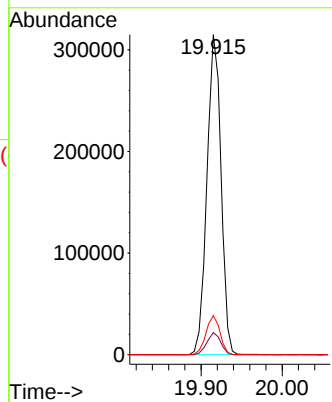
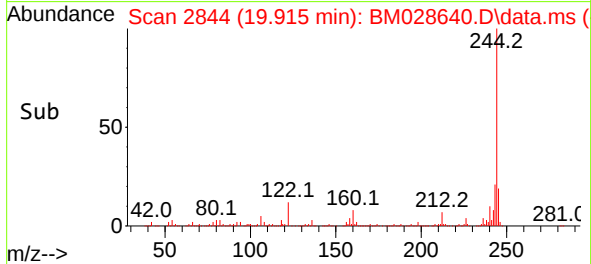


#79  
 Terphenyl-d14  
 Concen: 59.35 ng  
 RT: 19.915 min Scan# 2844  
 Delta R.T. -0.006 min  
 Lab File: BM028640.D  
 Acq: 03 Feb 2021 12:42

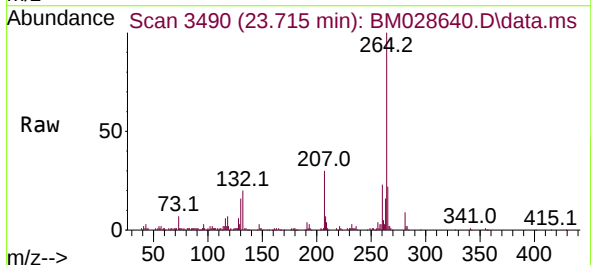
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OU421-010-0002



Tgt Ion:244 Resp: 378134  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 12.2 6.5 9.7#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.715 min Scan# 3490  
 Delta R.T. -0.012 min  
 Lab File: BM028640.D  
 Acq: 03 Feb 2021 12:42



Tgt Ion:264 Resp: 114979  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.0 28.4  
 265 21.8 17.7 26.5

