

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020221\  
 Data File : BM028629.D  
 Acq On : 02 Feb 2021 19:11  
 Operator : CG/JU  
 Sample : M1286-21  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JJ BH 03\_4-6

Quant Time: Feb 02 23:42:13 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   | 7.928  | 152  | 28693    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.740 | 136  | 110849   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.581 | 164  | 58705    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.316 | 188  | 113652   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.457 | 240  | 107346   | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12            | 23.715 | 264  | 110878   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 151285   | 83.29 | ng    | -0.01    |
| 7) Phenol-d6                | 7.105  | 99   | 188614   | 76.26 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.099  | 82   | 115407   | 49.38 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.069 | 330  | 61659    | 79.27 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 246171   | 52.61 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.916 | 244  | 281515   | 47.36 | ng    | 0.00     |

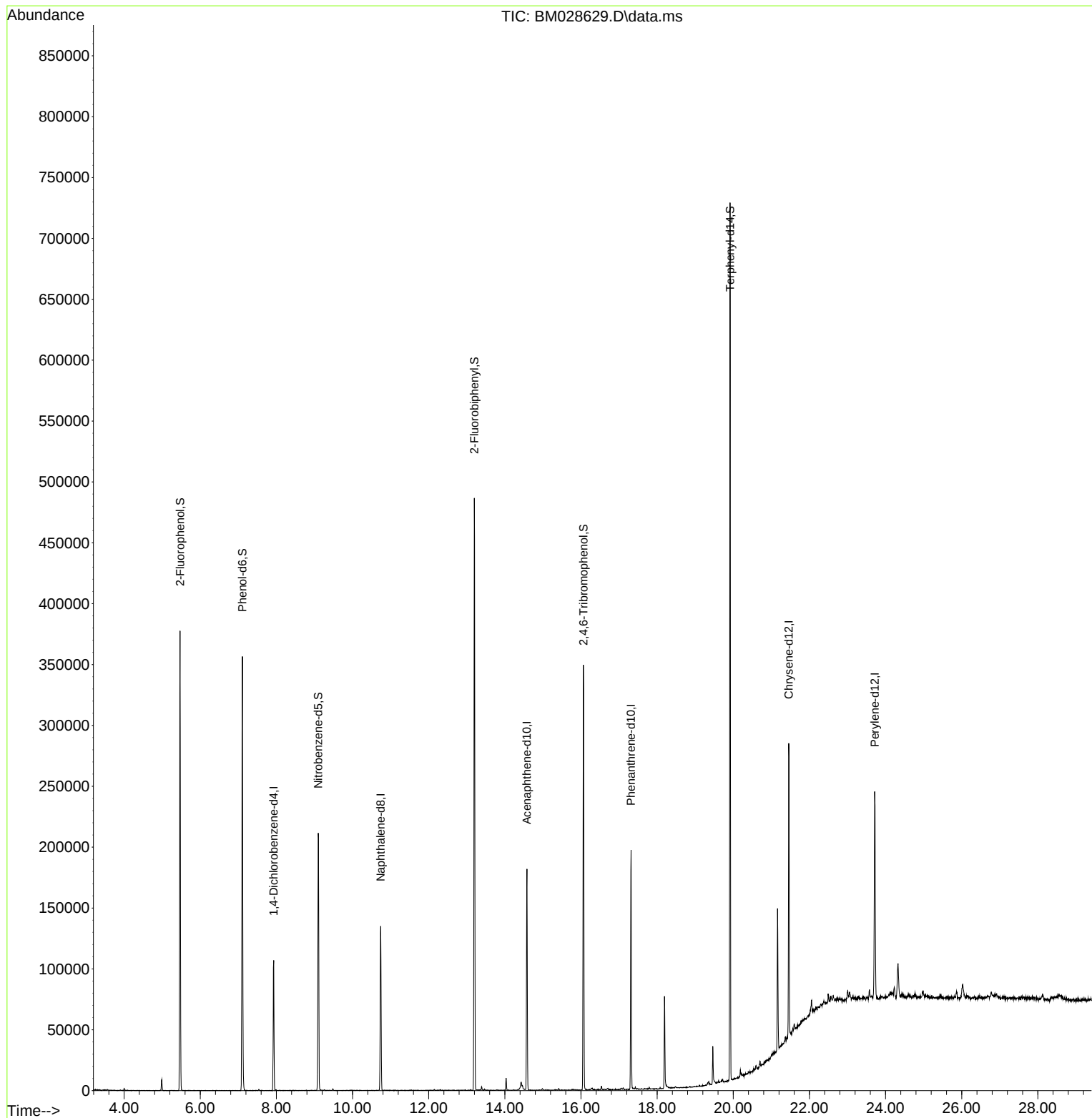
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

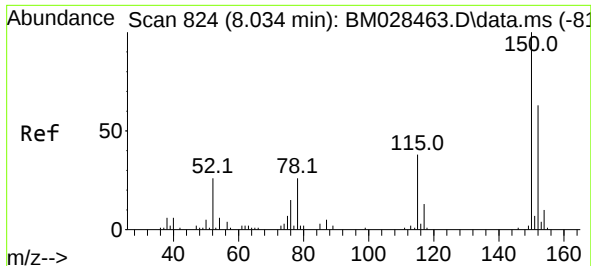
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

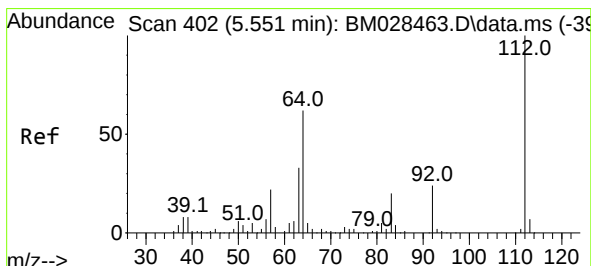
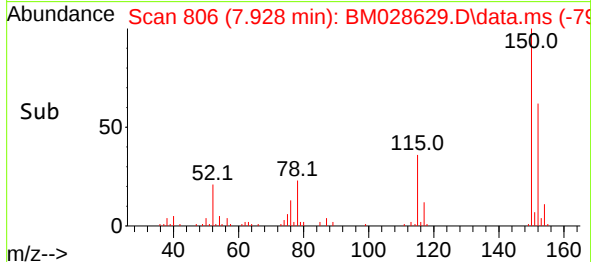
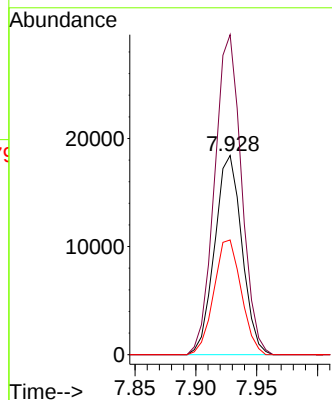
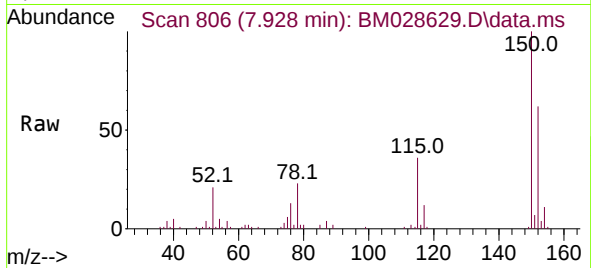




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.928 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

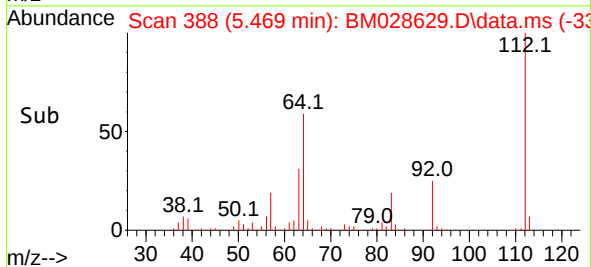
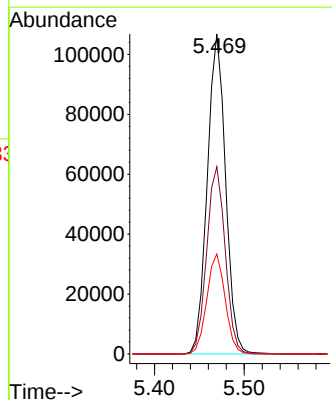
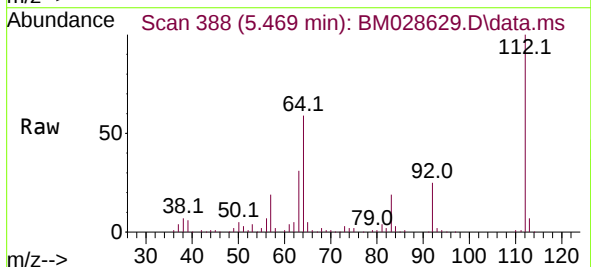
Instrument :  
BNA\_M  
ClientSampleId :  
JJ\_BH\_03\_4-6

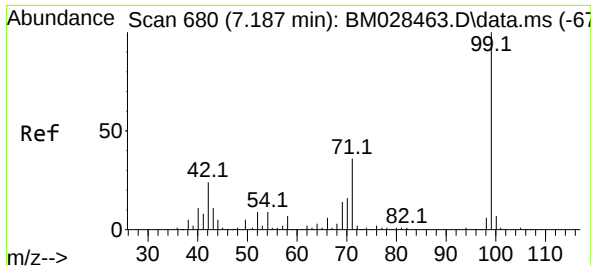
Tgt Ion:152 Resp: 28693  
Ion Ratio Lower Upper  
152 100  
150 160.6 120.6 181.0  
115 57.6 47.2 70.8



#5  
2-Fluorophenol  
Concen: 83.29 ng  
RT: 5.469 min Scan# 388  
Delta R.T. -0.012 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion:112 Resp: 151285  
Ion Ratio Lower Upper  
112 100  
64 58.5 50.6 76.0  
63 31.3 31.0 46.6

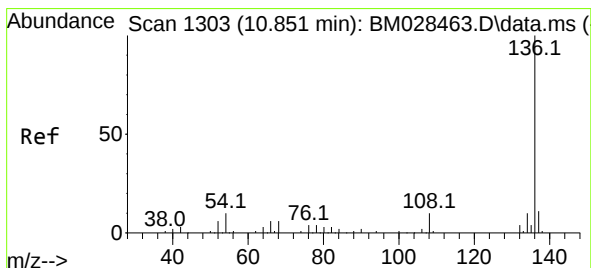
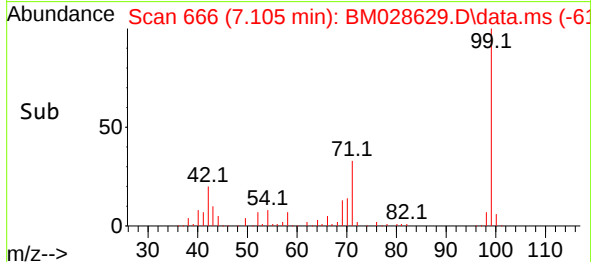
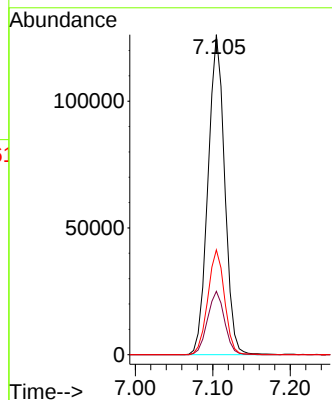
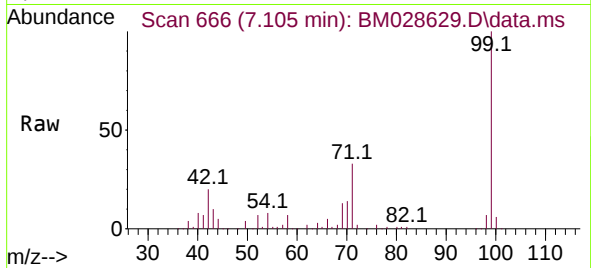




#7  
Phenol-d6  
Concen: 76.26 ng  
RT: 7.105 min Scan# 666  
Delta R.T. -0.017 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

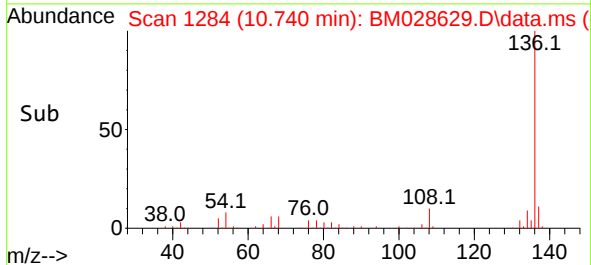
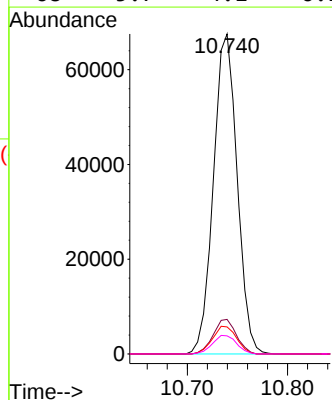
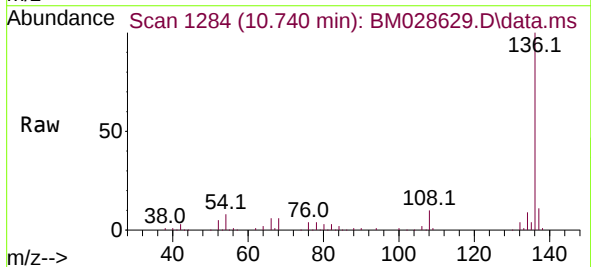
Instrument :  
BNA\_M  
ClientSampleId :  
JJ\_BH\_03\_4-6

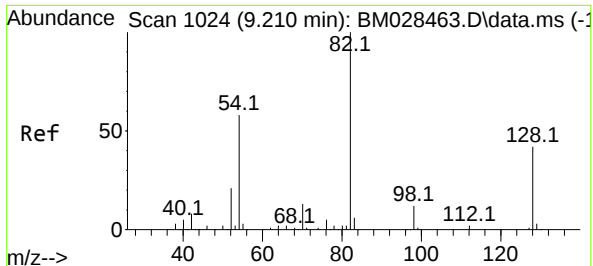
Tgt Ion: 99 Resp: 188614  
Ion Ratio Lower Upper  
99 100  
42 19.8 13.5 20.3  
71 32.7 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.740 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion: 136 Resp: 110849  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 8.4 4.6 7.0#  
68 5.7 4.1 6.1

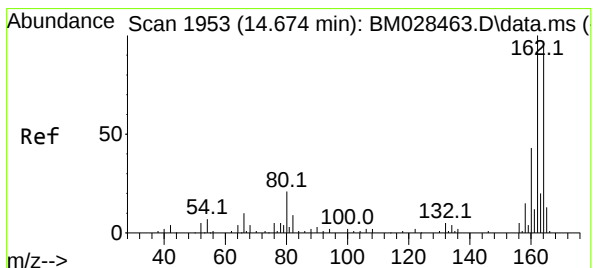
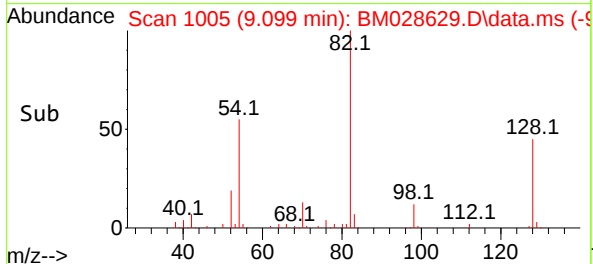
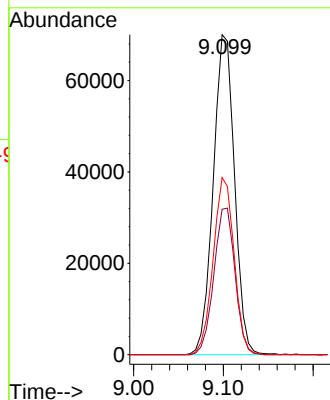
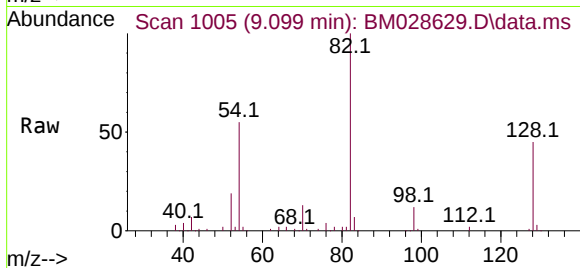




#23  
Nitrobenzene-d5  
Concen: 49.38 ng  
RT: 9.099 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

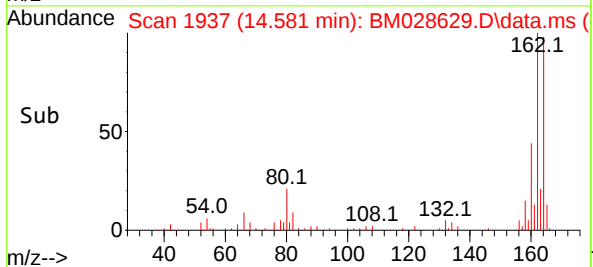
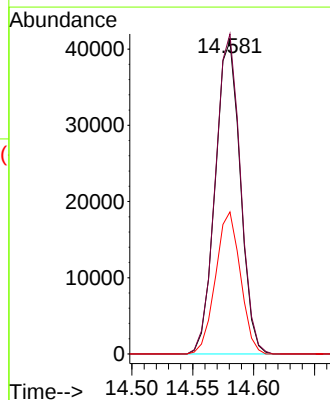
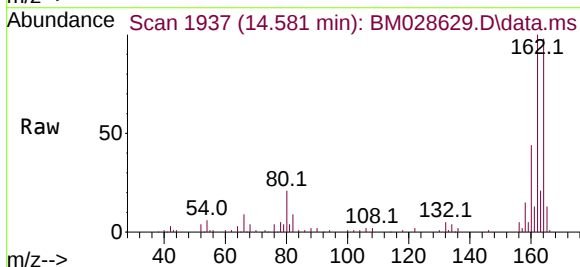
Instrument :  
BNA\_M  
ClientSampleId :  
JJ\_BH\_03\_4-6

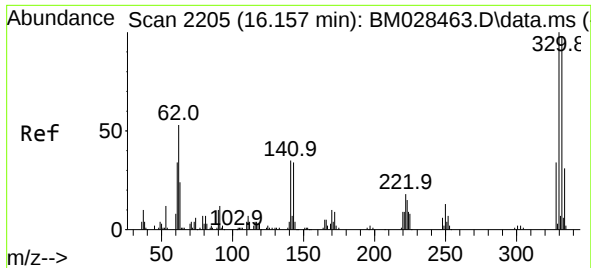
Tgt Ion: 82 Resp: 115407  
Ion Ratio Lower Upper  
82 100  
128 45.4 27.4 41.0#  
54 55.4 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.581 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion: 164 Resp: 58705  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.4 120.6  
160 45.4 35.9 53.9

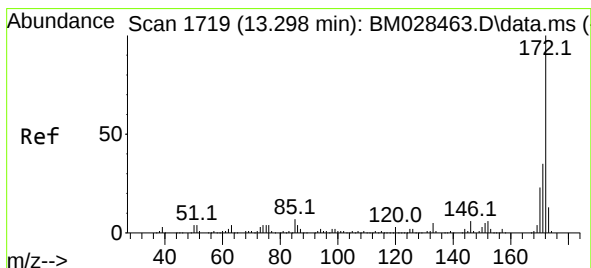
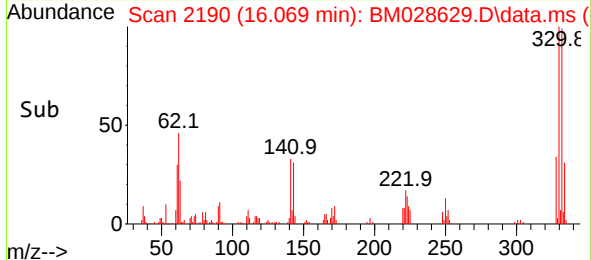
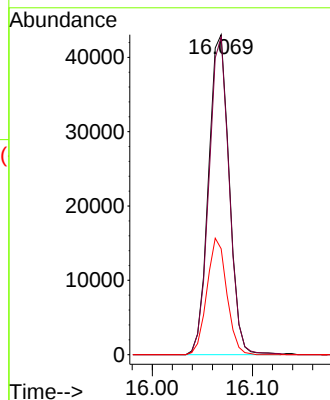
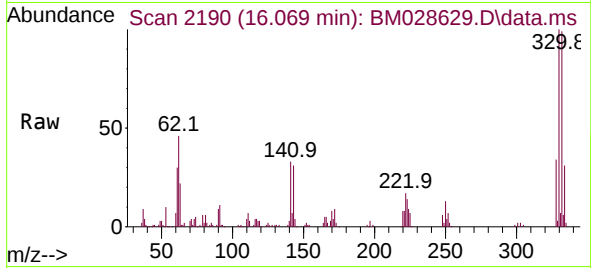




#42  
2,4,6-Tribromophenol  
Concen: 79.27 ng  
RT: 16.069 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

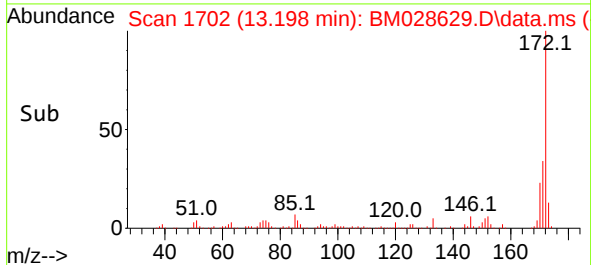
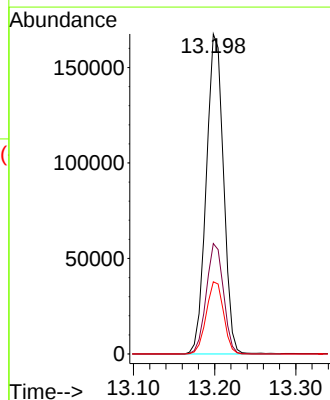
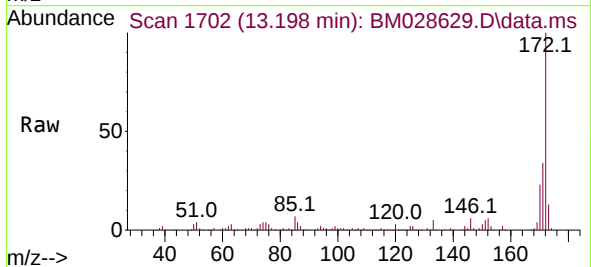
Instrument :  
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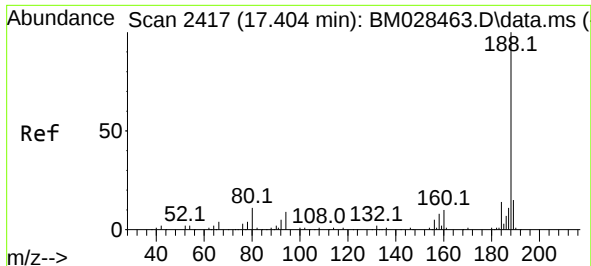
Tgt Ion:330 Resp: 61659  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 35.0 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 52.61 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion:172 Resp: 246171  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.8  
170 22.5 18.6 27.8

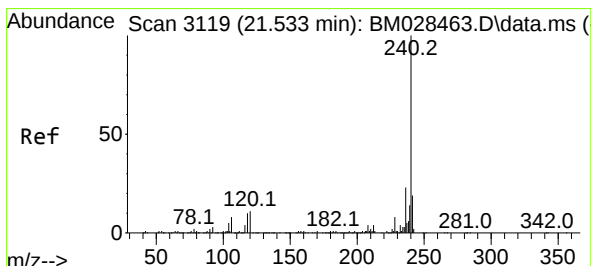
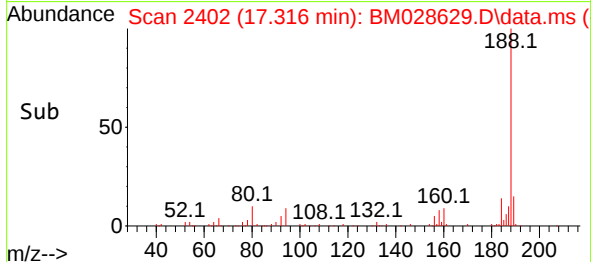
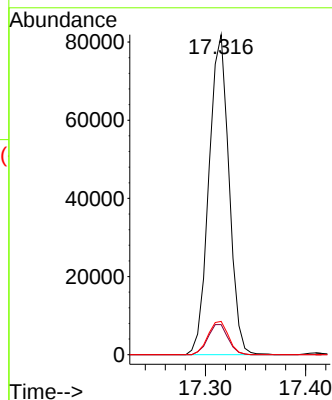
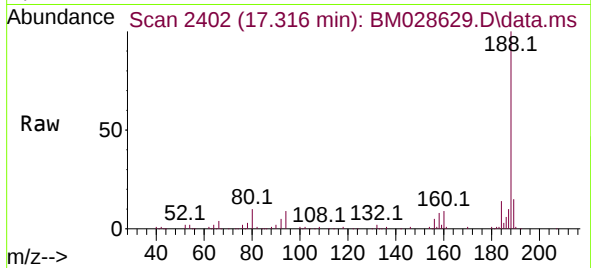




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.316 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

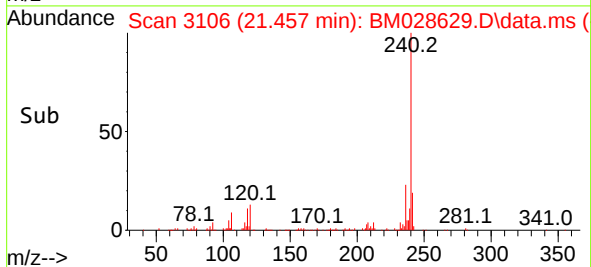
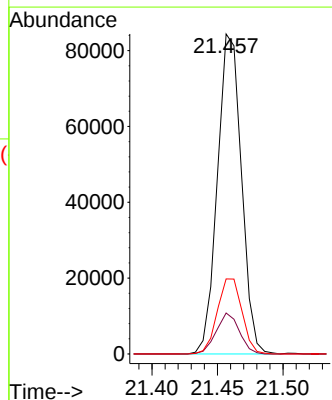
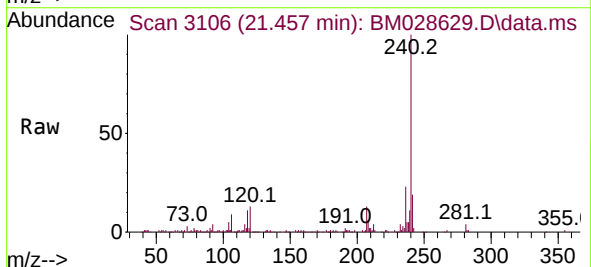
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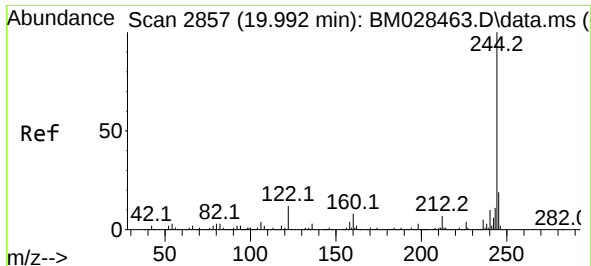
Tgt Ion:188 Resp: 113652  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.2 9.4#  
80 10.4 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.457 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion:240 Resp: 107346  
Ion Ratio Lower Upper  
240 100  
120 12.8 6.4 9.6#  
236 23.4 20.1 30.1

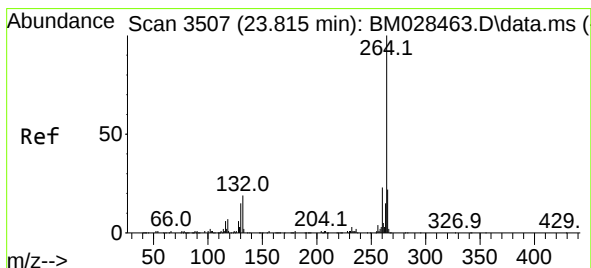
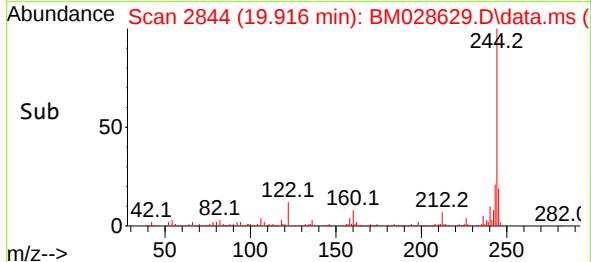
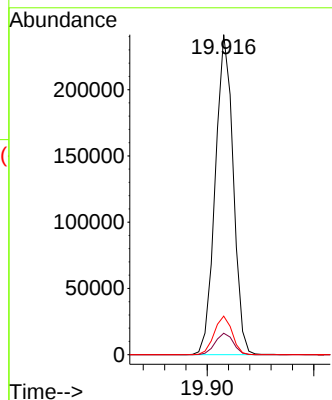
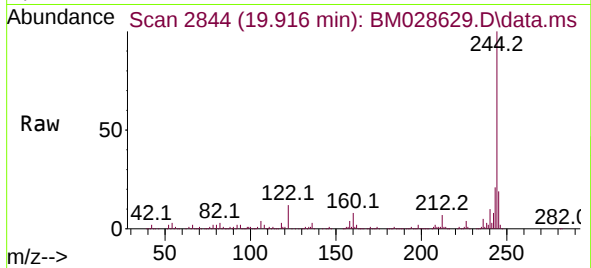




#79  
Terphenyl-d14  
Concen: 47.36 ng  
RT: 19.916 min Scan# 2844  
Delta R.T. -0.006 min  
Lab File: BM028629.D  
Acq: 02 Feb 2021 19:11

Instrument :  
BNA\_M  
ClientSampleId :  
JJ\_BH\_03\_4-6

Tgt Ion:244 Resp: 281515  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.8 8.8  
122 12.0 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: BM028629.D  
Acq: 02 Feb 2021 19:11

Tgt Ion:264 Resp: 110878  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.0 28.4  
265 21.5 17.7 26.5

