

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052522\  
 Data File : BM035251.D  
 Acq On : 25 May 2022 20:58  
 Operator : CG/JU  
 Sample : N2894-19  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P008-SS003-0006-01

Quant Time: May 26 04:56:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 04:53:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.886  | 152  | 103934   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.686 | 136  | 389925   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.521 | 164  | 234129   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.268 | 188  | 493122   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.450 | 240  | 538346   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 23.827 | 264  | 595716   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 726486   | 123.317 | ng    | -0.01    |
| 7) Phenol-d6                | 7.063  | 99   | 907061   | 119.268 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.045  | 82   | 595382   | 82.456  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.015 | 330  | 340412   | 133.660 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.151 | 172  | 1376467  | 85.345  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.892 | 244  | 2215952  | 79.699  | ng    | -0.02    |

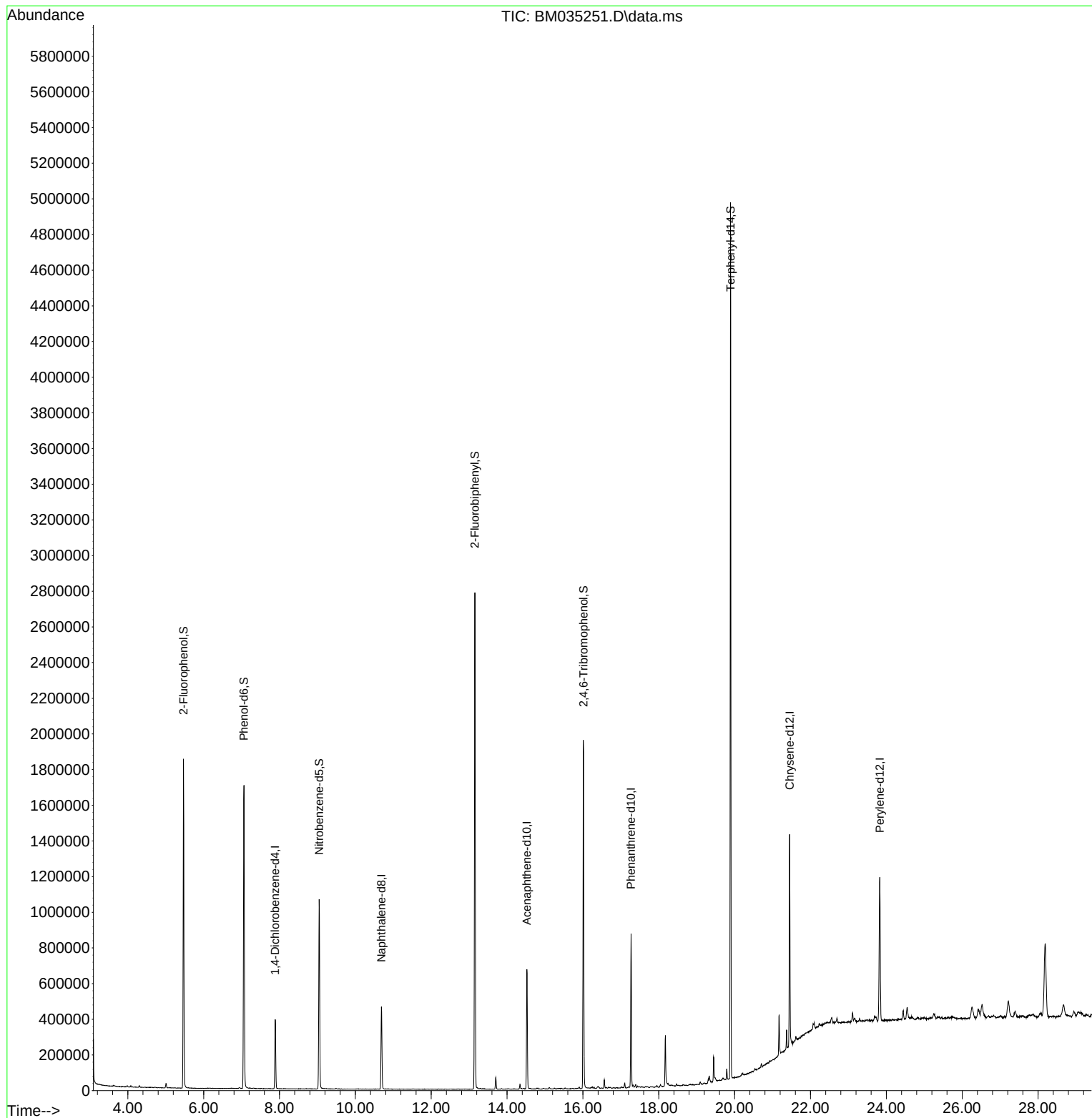
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

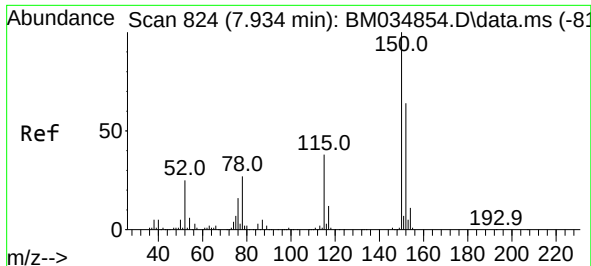
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052522\  
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QLast Update : Fri May 20 04:53:59 2022  
Response via : Initial Calibration

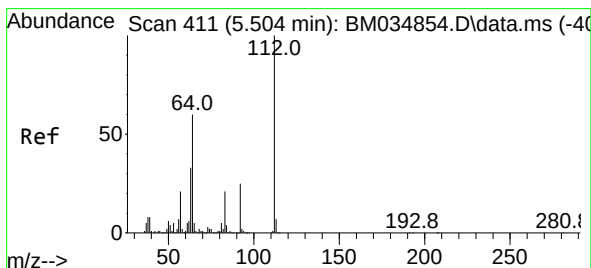
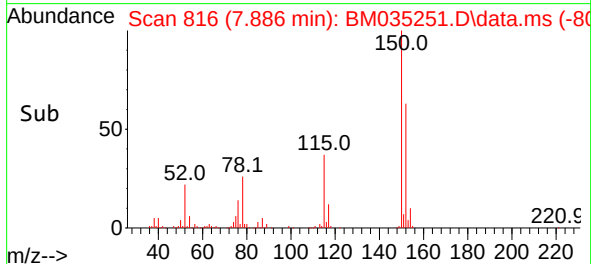
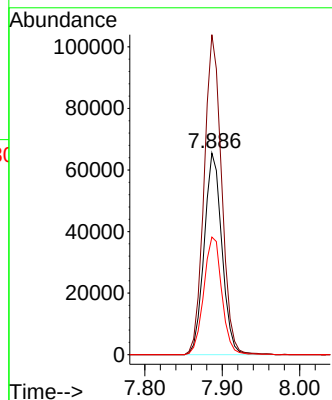
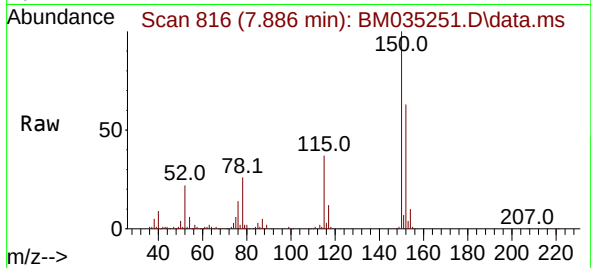




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.886 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BM035251.D  
 Acq: 25 May 2022 20:58

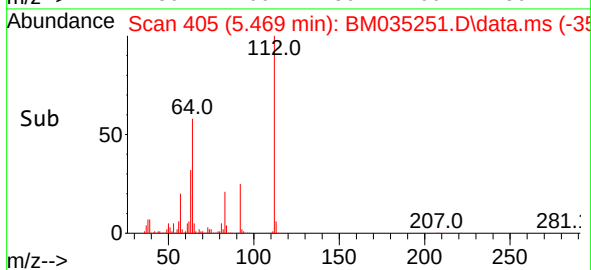
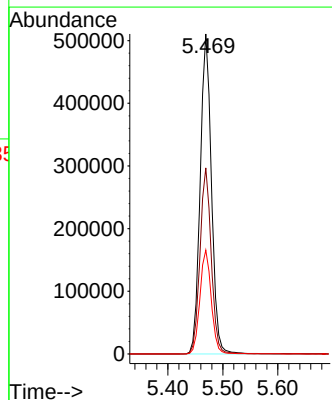
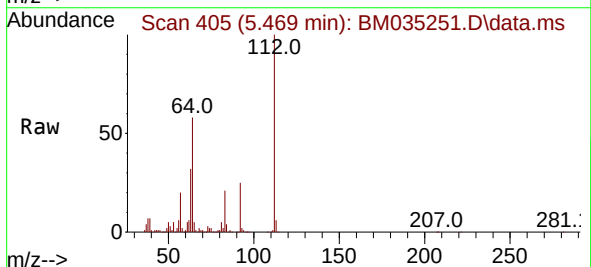
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P008-SS003-0006-01

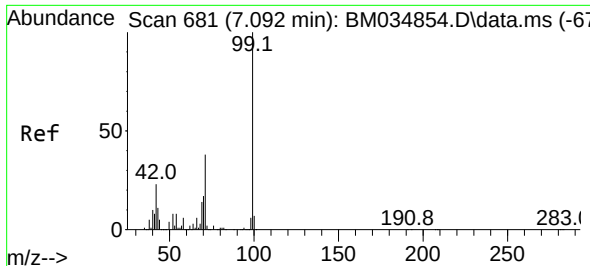
Tgt Ion:152 Resp: 103934  
 Ion Ratio Lower Upper  
 152 100  
 150 158.8 124.9 187.3  
 115 58.3 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 123.317 ng  
 RT: 5.469 min Scan# 405  
 Delta R.T. -0.012 min  
 Lab File: BM035251.D  
 Acq: 25 May 2022 20:58

Tgt Ion:112 Resp: 726486  
 Ion Ratio Lower Upper  
 112 100  
 64 58.2 47.8 71.6  
 63 32.5 26.6 40.0

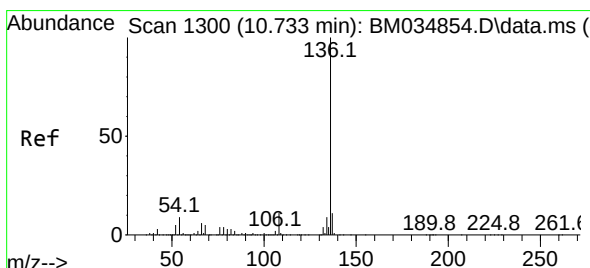
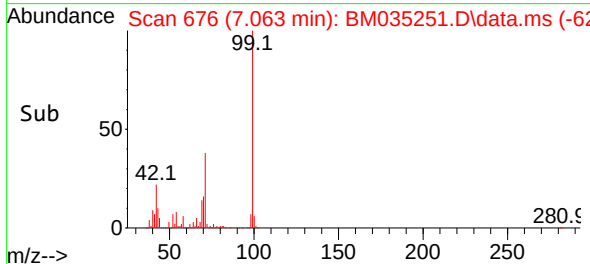
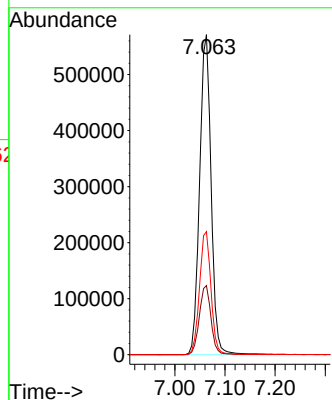
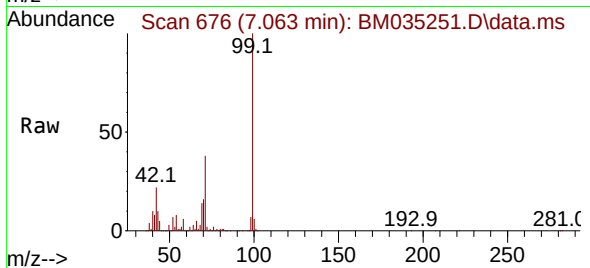




#7  
Phenol-d6  
Concen: 119.268 ng  
RT: 7.063 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

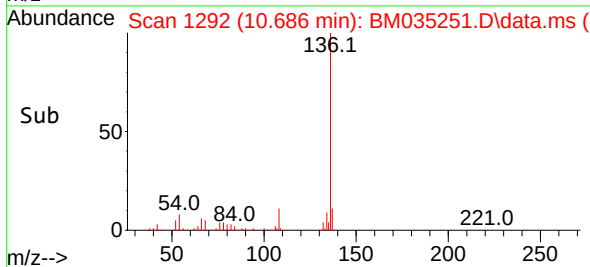
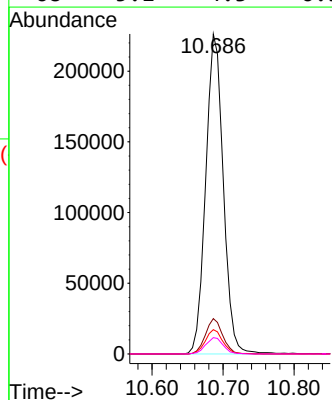
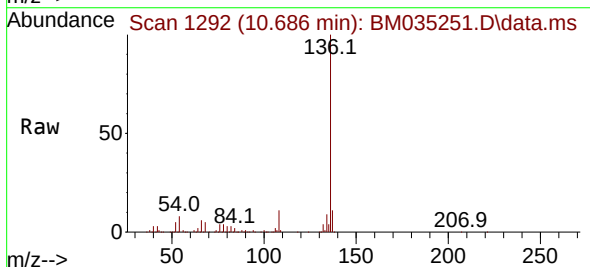
Instrument :  
BNA\_M  
ClientSampleId :  
P008-SS003-0006-01

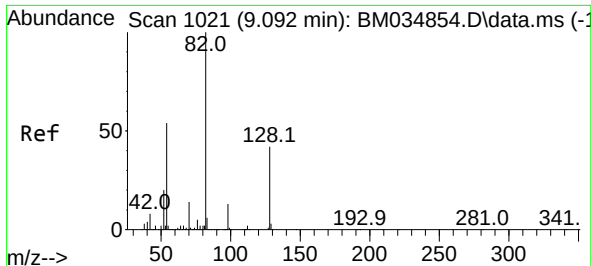
Tgt Ion: 99 Resp: 907061  
Ion Ratio Lower Upper  
99 100  
42 21.6 18.8 28.2  
71 38.5 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.686 min Scan# 1292  
Delta R.T. -0.024 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

Tgt Ion: 136 Resp: 389925  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.6 7.0 10.4  
68 5.1 4.3 6.5

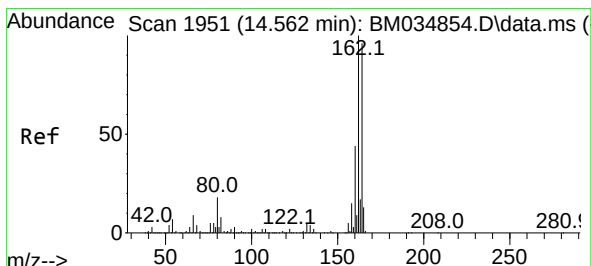
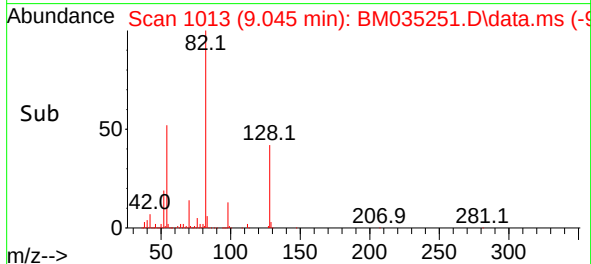
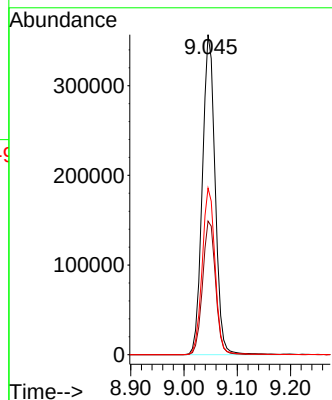
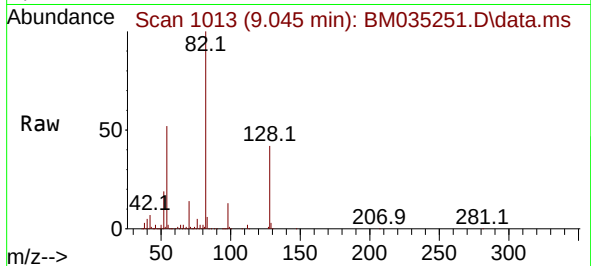




#23  
Nitrobenzene-d5  
Concen: 82.456 ng  
RT: 9.045 min Scan# 1013  
Delta R.T. -0.018 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

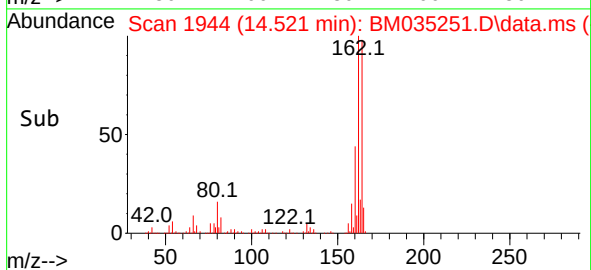
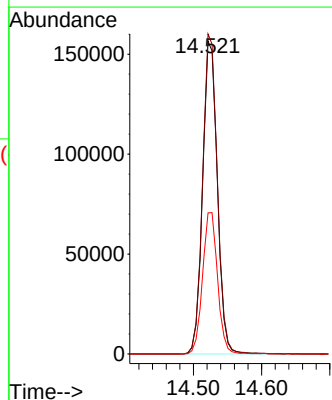
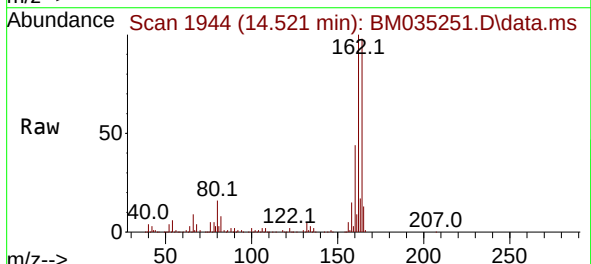
Instrument :  
BNA\_M  
ClientSampleId :  
P008-SS003-0006-01

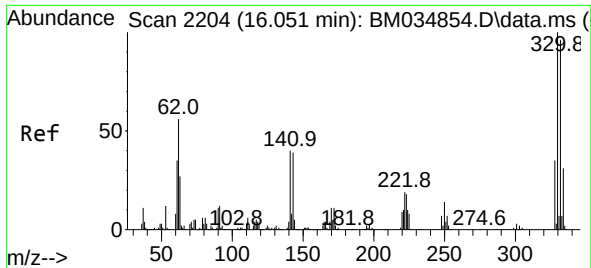
Tgt Ion: 82 Resp: 595382  
Ion Ratio Lower Upper  
82 100  
128 41.7 33.7 50.5  
54 52.1 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.521 min Scan# 1944  
Delta R.T. -0.024 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

Tgt Ion: 164 Resp: 234129  
Ion Ratio Lower Upper  
164 100  
162 102.3 83.0 124.6  
160 45.1 37.0 55.4

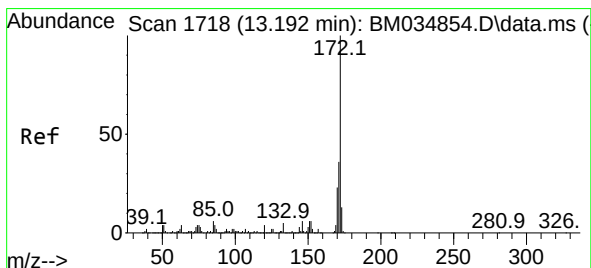
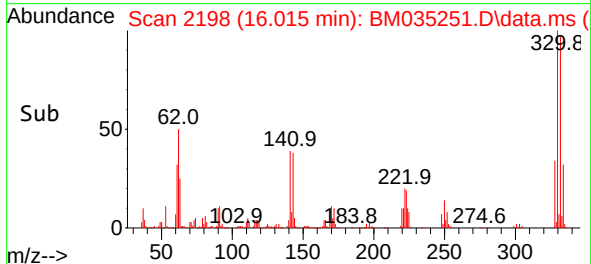
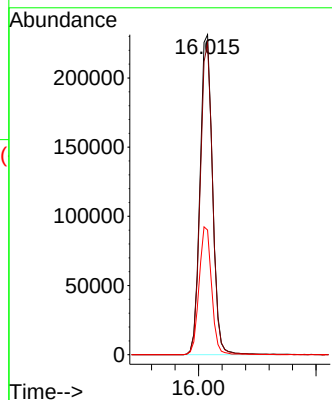
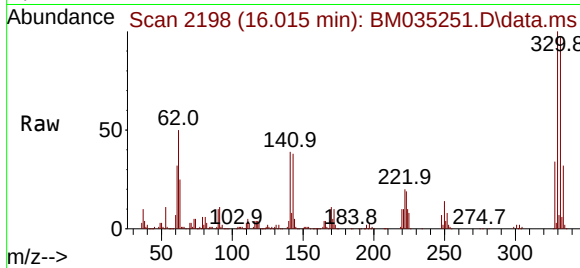




#42  
2,4,6-Tribromophenol  
Concen: 133.660 ng  
RT: 16.015 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

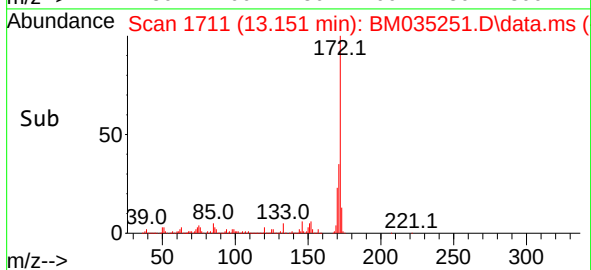
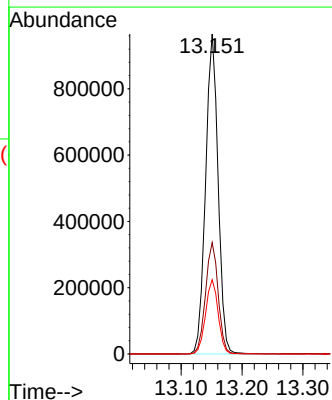
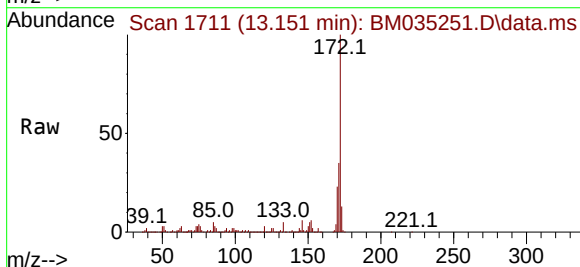
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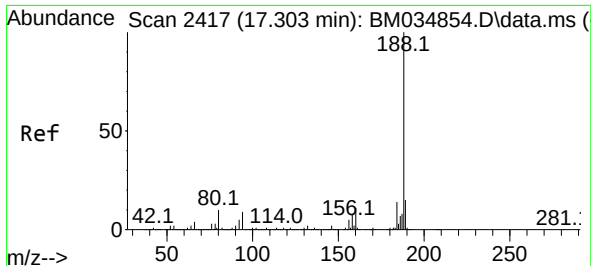
Tgt Ion:330 Resp: 340412  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.4  
141 40.2 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 85.345 ng  
RT: 13.151 min Scan# 1711  
Delta R.T. -0.018 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

Tgt Ion:172 Resp: 1376467  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.5 42.7  
170 23.2 18.7 28.1

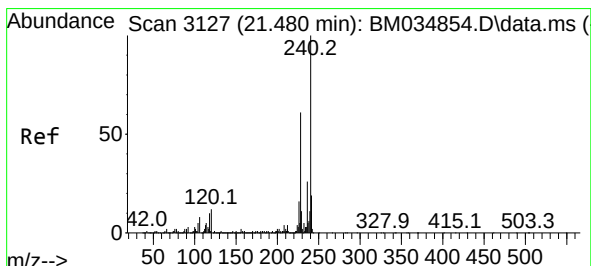
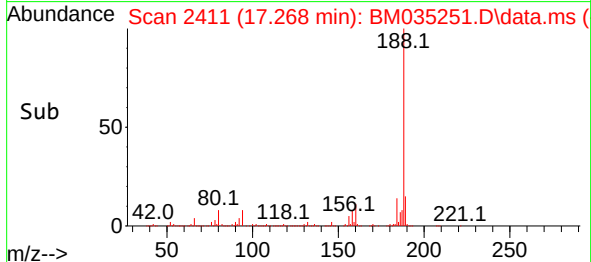
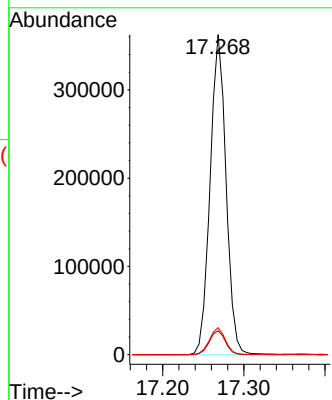
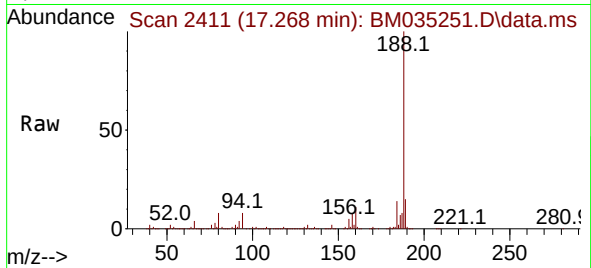




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.268 min Scan# 2417  
Delta R.T. -0.018 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

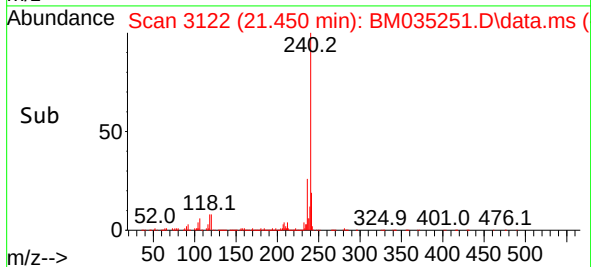
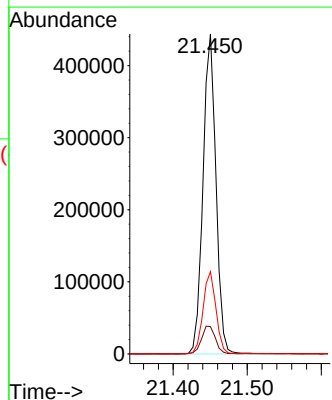
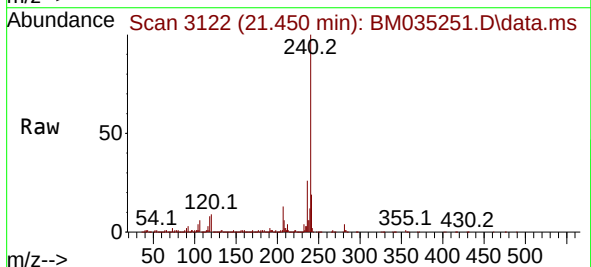
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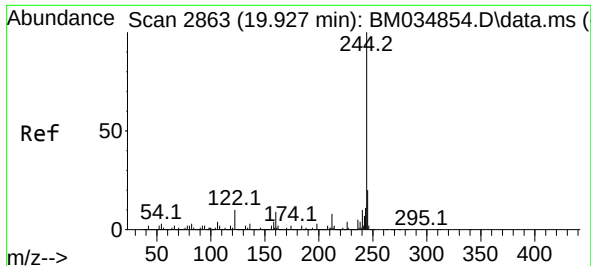
Tgt Ion:188 Resp: 493122  
Ion Ratio Lower Upper  
188 100  
94 7.5 7.0 10.4  
80 8.5 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 3122  
Delta R.T. -0.024 min  
Lab File: BM035251.D  
Acq: 25 May 2022 20:58

Tgt Ion:240 Resp: 538346  
Ion Ratio Lower Upper  
240 100  
120 8.6 9.4 14.0#  
236 25.8 20.6 30.8

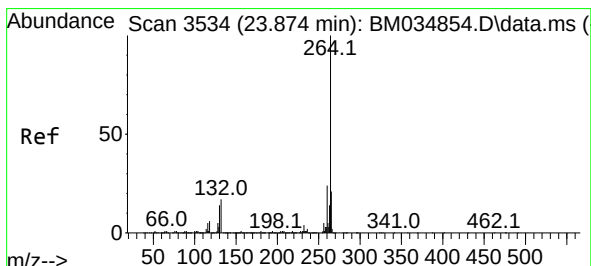
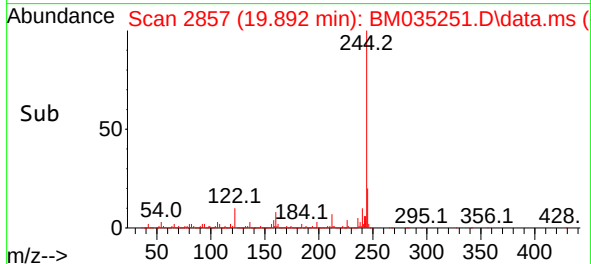
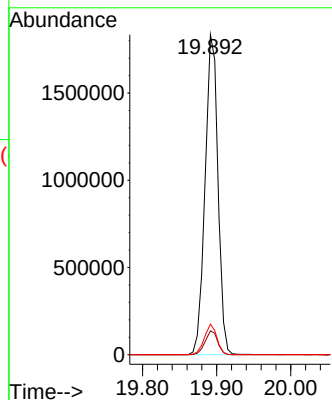
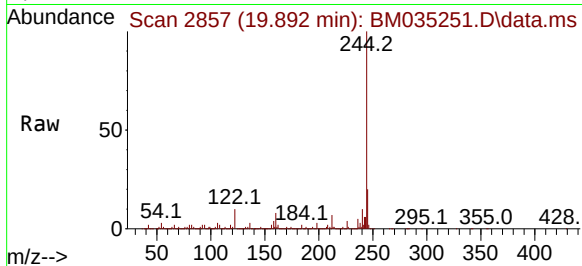




#79  
 Terphenyl-d14  
 Concen: 79.699 ng  
 RT: 19.892 min Scan# 21  
 Delta R.T. -0.024 min  
 Lab File: BM035251.D  
 Acq: 25 May 2022 20:58

Instrument :  
 BNA\_M  
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Tgt Ion:244 Resp: 2215952  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.6 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.827 min Scan# 3526  
 Delta R.T. -0.030 min  
 Lab File: BM035251.D  
 Acq: 25 May 2022 20:58

Tgt Ion:264 Resp: 595716  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.9 28.3  
 265 22.1 17.5 26.3

