

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060222\  
 Data File : BM035376.D  
 Acq On : 02 Jun 2022 23:32  
 Operator : CG/JU  
 Sample : N2990-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P028-SS001-1218-01

Quant Time: Jun 03 01:44:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 16:16:23 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 162583   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.645 | 136  | 600555   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.486 | 164  | 385361   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.233 | 188  | 864726   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.421 | 240  | 1013116  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.774 | 264  | 1144809  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 778253   | 100.586 | ng    | 0.00     |
| 7) Phenol-d6                | 7.034  | 99   | 987044   | 93.393  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.010  | 82   | 596057   | 63.021  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.980 | 330  | 512102   | 82.824  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.116 | 172  | 1715424  | 63.935  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.862 | 244  | 3168665  | 62.311  | ng    | 0.00     |

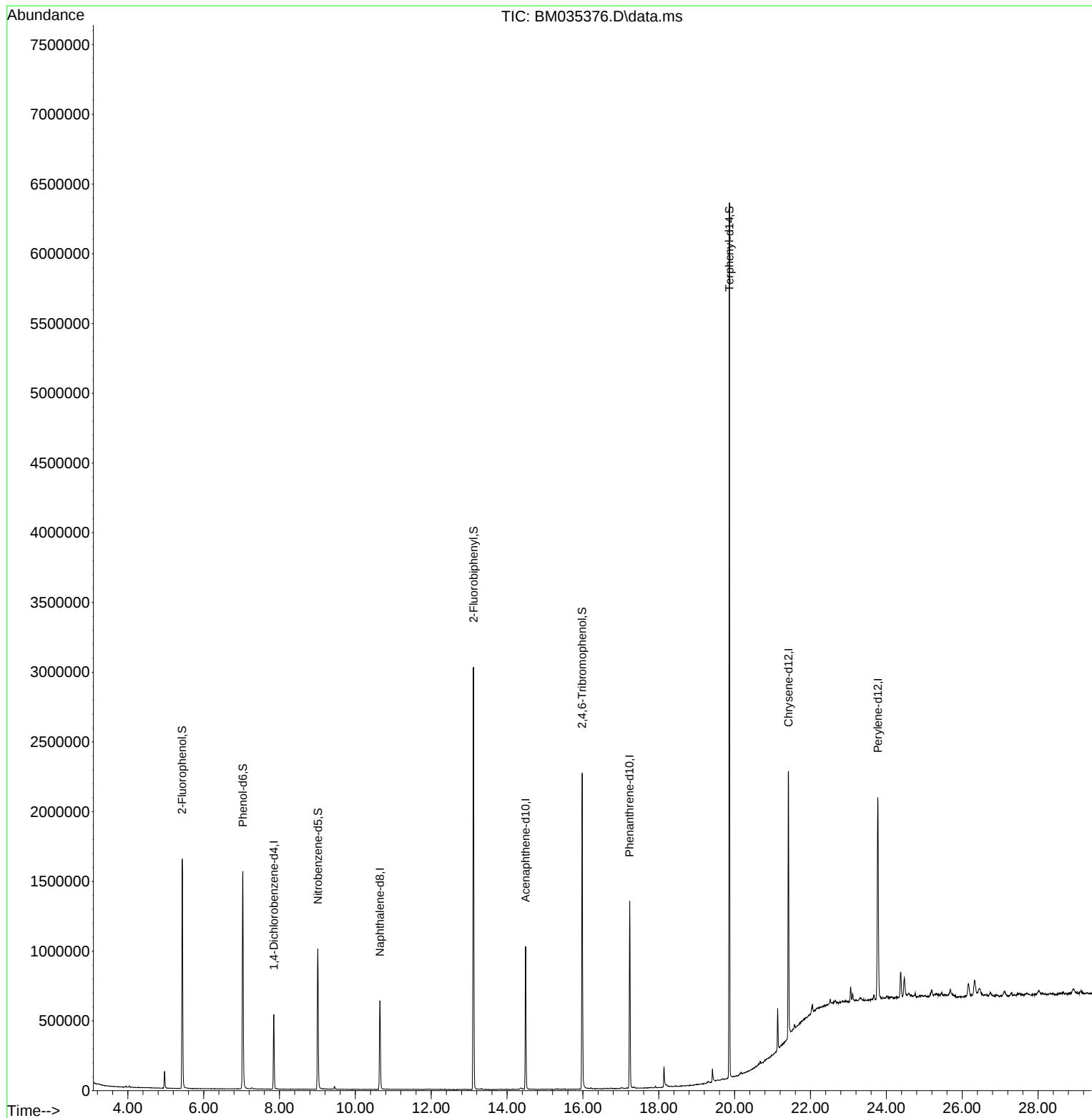
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

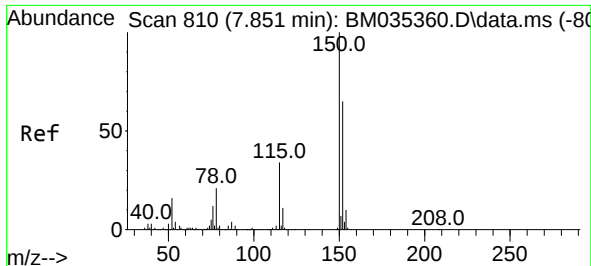
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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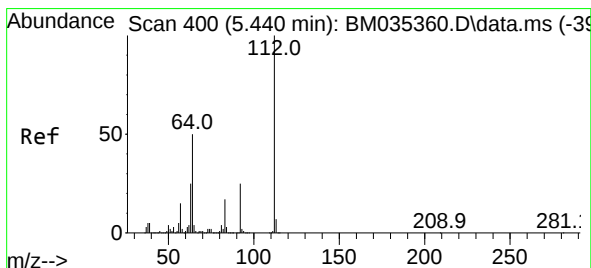
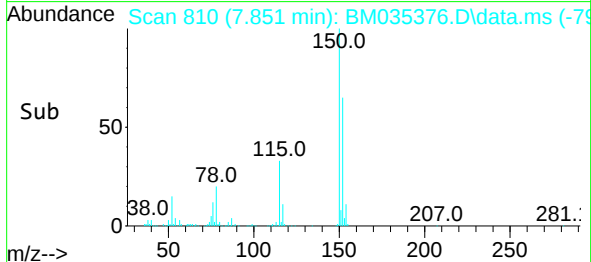
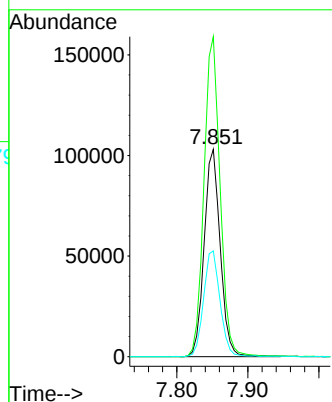
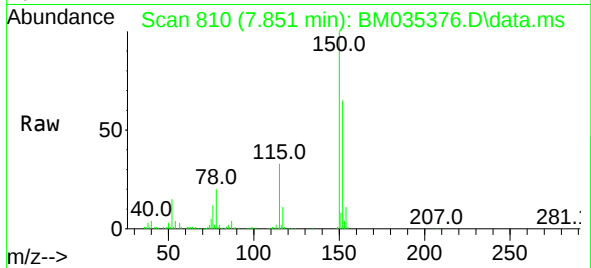




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

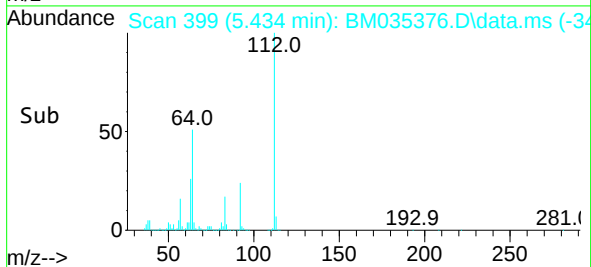
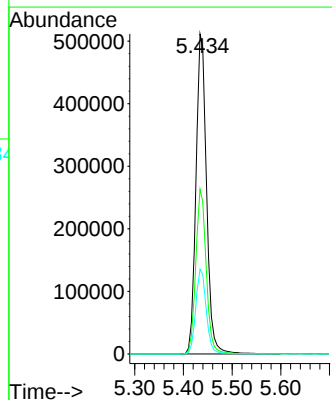
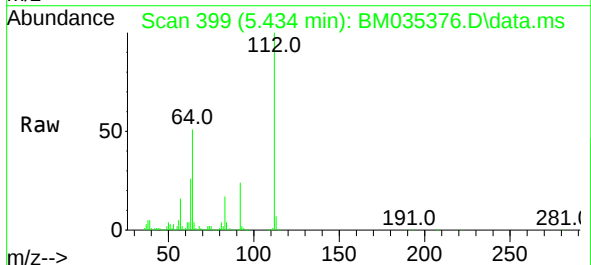
Instrument :  
BNA\_M  
ClientSampleId :  
P028-SS001-1218-01

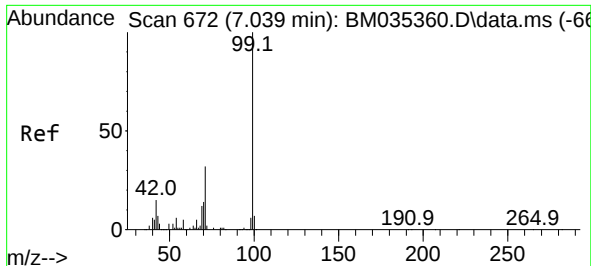
Tgt Ion:152 Resp: 162583  
Ion Ratio Lower Upper  
152 100  
150 154.3 124.9 187.3  
115 51.0 47.9 71.9



#5  
2-Fluorophenol  
Concen: 100.586 ng  
RT: 5.434 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

Tgt Ion:112 Resp: 778253  
Ion Ratio Lower Upper  
112 100  
64 51.5 47.8 71.6  
63 26.5 26.6 40.0#

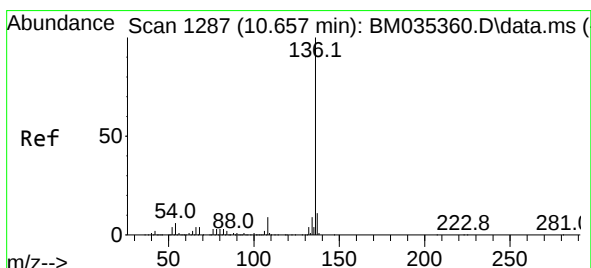
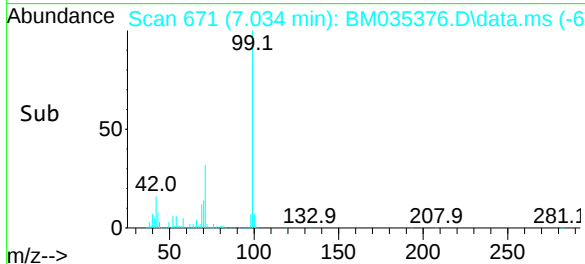
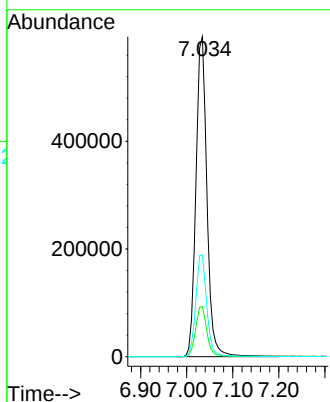
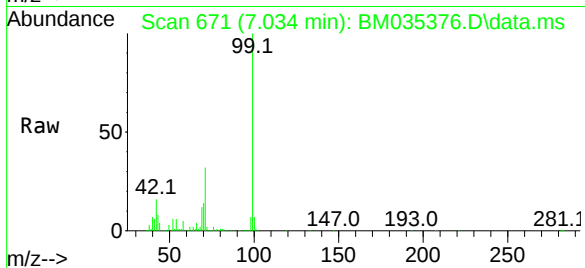




#7  
Phenol-d6  
Concen: 93.393 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

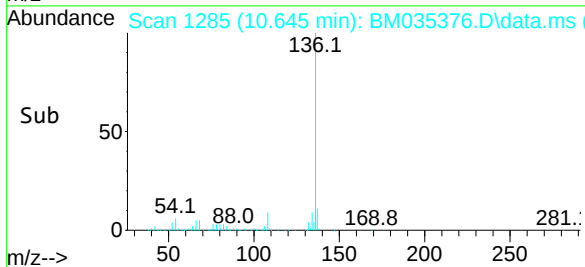
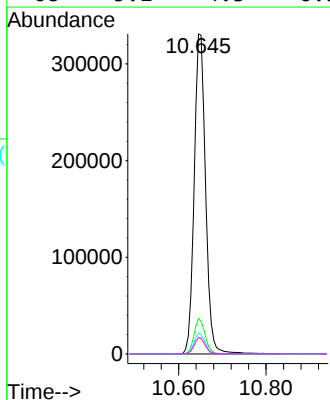
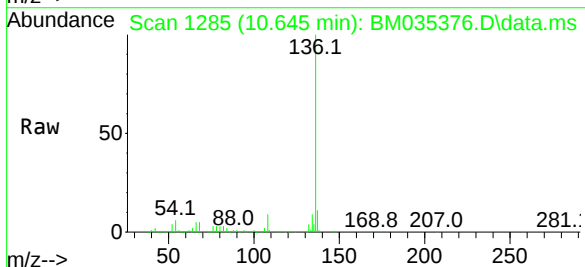
Instrument :  
BNA\_M  
ClientSampleId :  
P028-SS001-1218-01

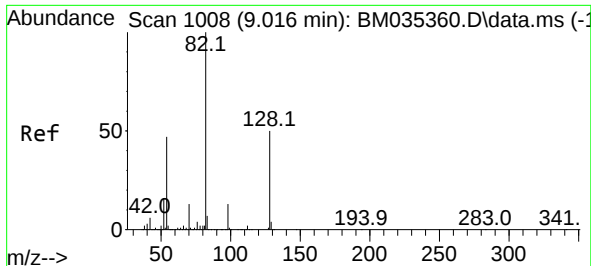
Tgt Ion: 99 Resp: 987044  
Ion Ratio Lower Upper  
99 100  
42 15.7 18.8 28.2#  
71 31.7 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 1285  
Delta R.T. -0.012 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

Tgt Ion: 136 Resp: 600555  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 6.5 7.0 10.4#  
68 5.1 4.3 6.5

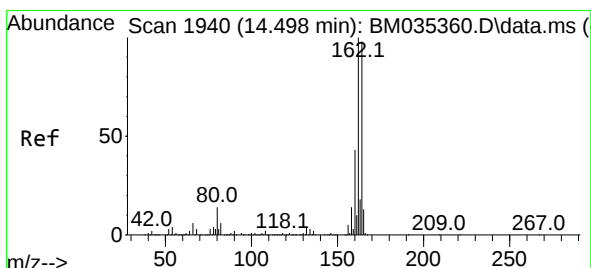
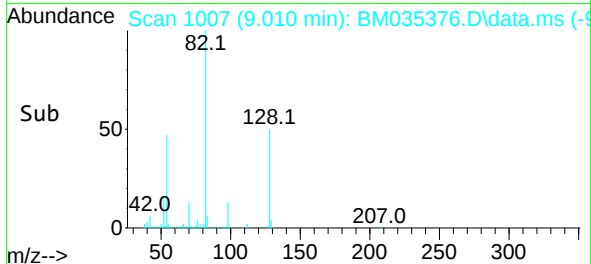
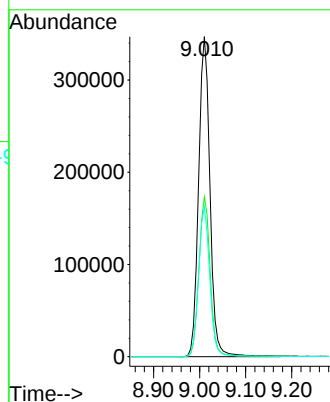
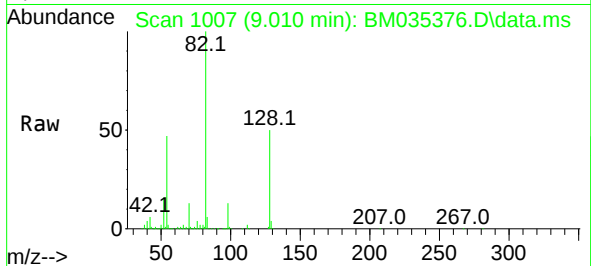




#23  
Nitrobenzene-d5  
Concen: 63.021 ng  
RT: 9.010 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

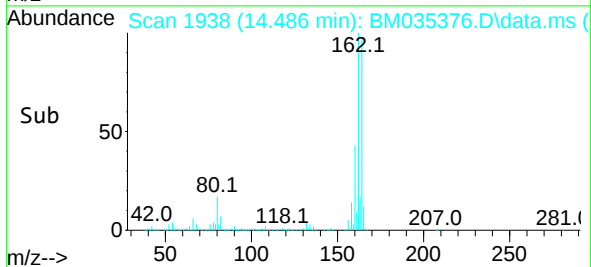
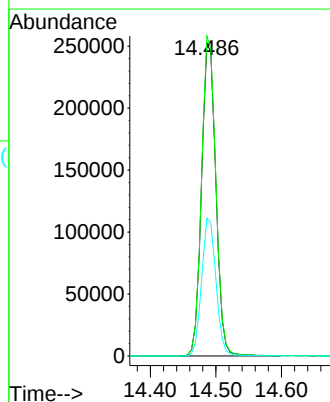
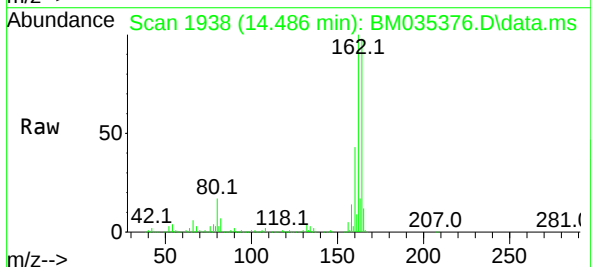
Instrument :  
BNA\_M  
ClientSampleId :  
P028-SS001-1218-01

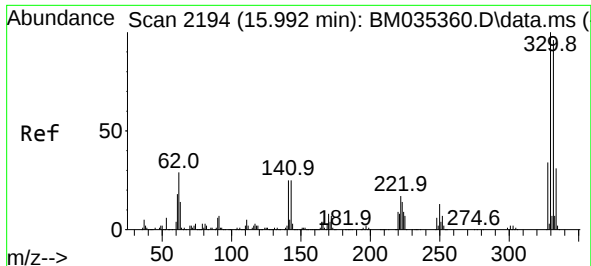
Tgt Ion: 82 Resp: 596057  
Ion Ratio Lower Upper  
82 100  
128 49.9 33.7 50.5  
54 46.8 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.486 min Scan# 1938  
Delta R.T. -0.012 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

Tgt Ion:164 Resp: 385361  
Ion Ratio Lower Upper  
164 100  
162 102.2 83.0 124.6  
160 44.0 37.0 55.4

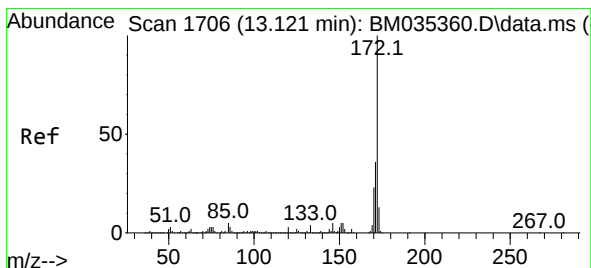
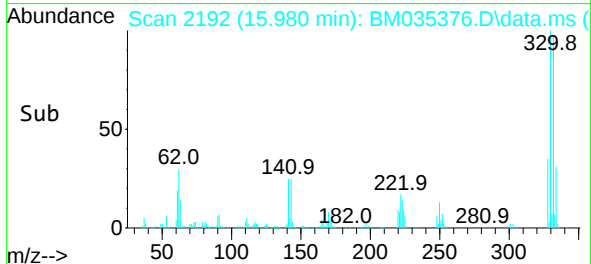
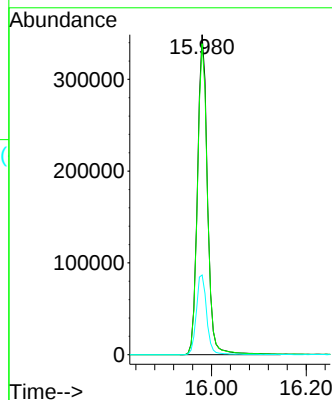
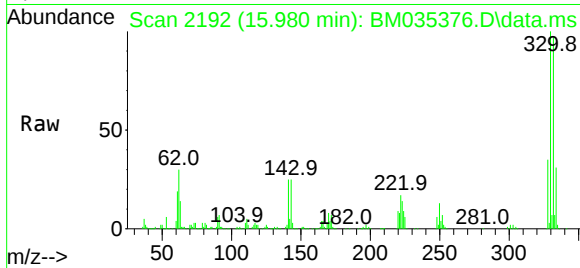




#42  
2,4,6-Tribromophenol  
Concen: 82.824 ng  
RT: 15.980 min Scan# 2194  
Delta R.T. -0.012 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

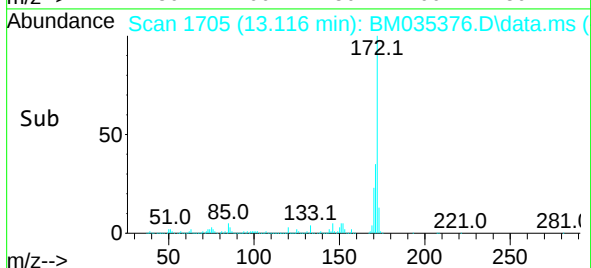
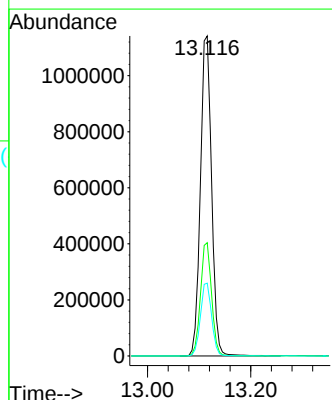
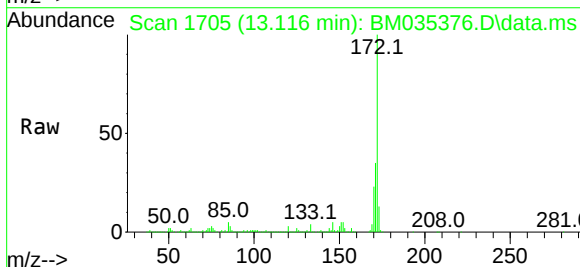
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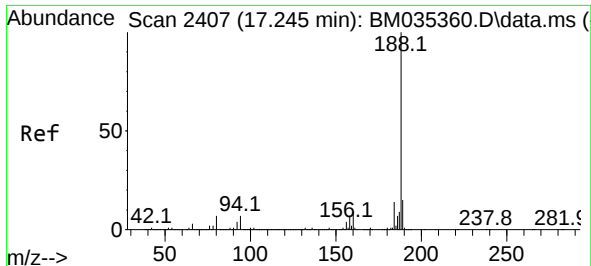
Tgt Ion:330 Resp: 512102  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.0 115.4  
141 25.9 35.3 52.9#



#45  
2-Fluorobiphenyl  
Concen: 63.935 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

Tgt Ion:172 Resp: 1715424  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 22.8 18.7 28.1

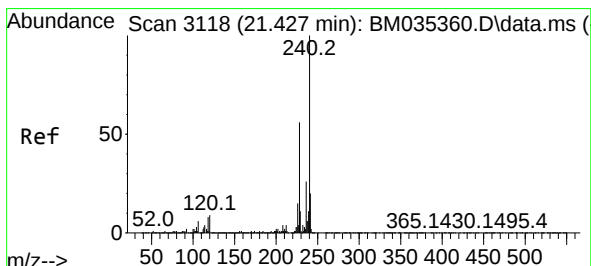
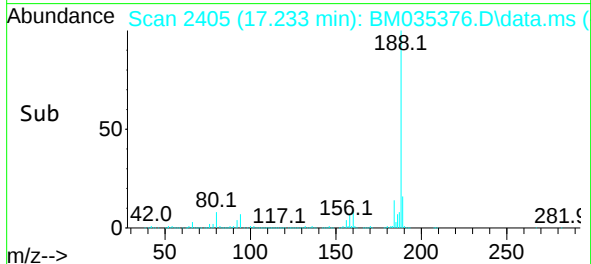
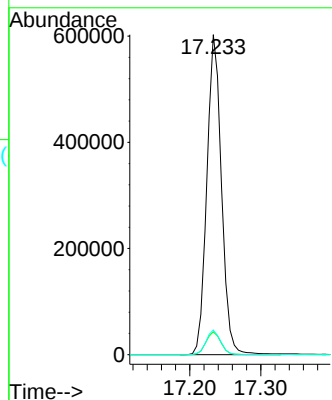
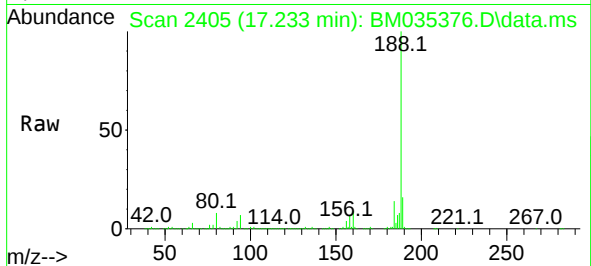




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.233 min Scan# 2405  
Delta R.T. -0.012 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

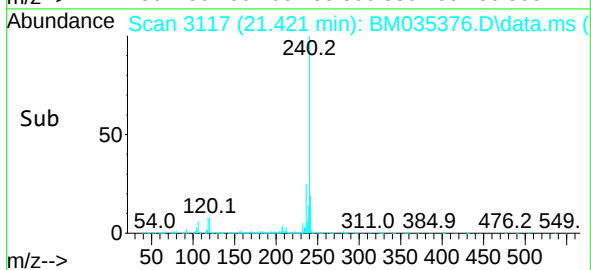
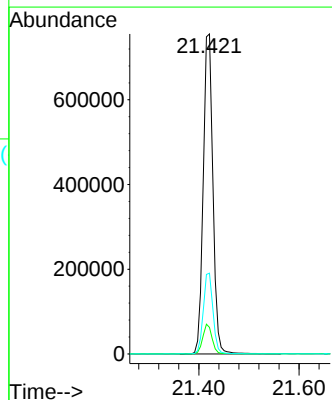
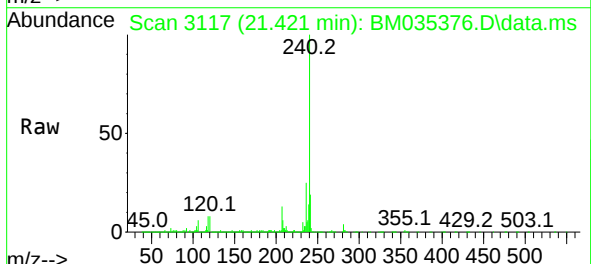
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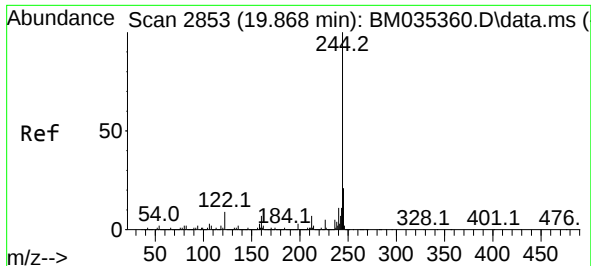
Tgt Ion:188 Resp: 864726  
Ion Ratio Lower Upper  
188 100  
94 7.1 7.0 10.4  
80 7.7 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3117  
Delta R.T. -0.006 min  
Lab File: BM035376.D  
Acq: 02 Jun 2022 23:32

Tgt Ion:240 Resp: 1013116  
Ion Ratio Lower Upper  
240 100  
120 8.3 9.4 14.0#  
236 25.2 20.6 30.8

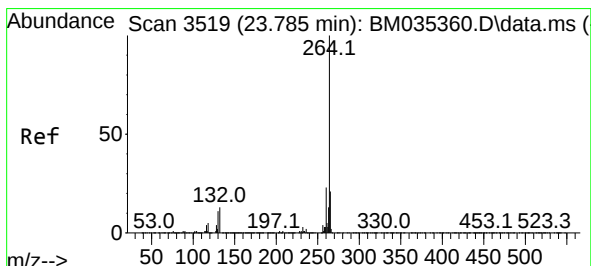
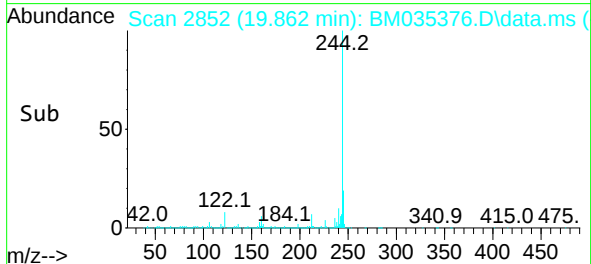
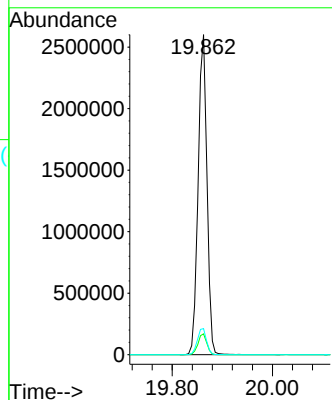
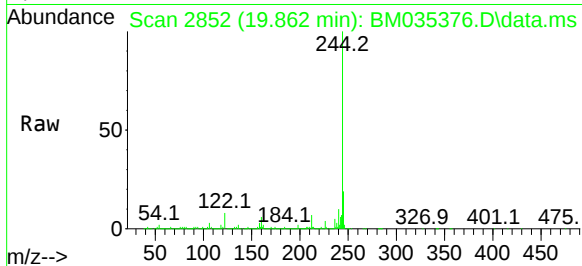




#79  
 Terphenyl-d14  
 Concen: 62.311 ng  
 RT: 19.862 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035376.D  
 Acq: 02 Jun 2022 23:32

Instrument :  
 BNA\_M  
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 P028-SS001-1218-01

Tgt Ion:244 Resp: 3168665  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 6.2 9.4  
 122 8.2 8.3 12.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.774 min Scan# 3517  
 Delta R.T. -0.012 min  
 Lab File: BM035376.D  
 Acq: 02 Jun 2022 23:32

Tgt Ion:264 Resp: 1144809  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.9 28.3  
 265 22.0 17.5 26.3

