

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031622\  
 Data File : BM034257.D  
 Acq On : 16 Mar 2022 13:43  
 Operator : CG/JU  
 Sample : PB143171BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB143171BL

Quant Time: Mar 16 14:25:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 02:38:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.948  | 152  | 143145   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.760 | 136  | 524287   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.583 | 164  | 281008   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.324 | 188  | 486997   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.494 | 240  | 438676   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.906 | 264  | 479829   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.501  | 112  | 1250969  | 156.778 | ng    | 0.00     |
| 7) Phenol-d6                | 7.107  | 99   | 1514364  | 132.555 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.107  | 82   | 1012710  | 94.043  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.071 | 330  | 457254   | 120.723 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.219 | 172  | 2049449  | 99.661  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.942 | 244  | 2458965  | 97.400  | ng    | 0.00     |

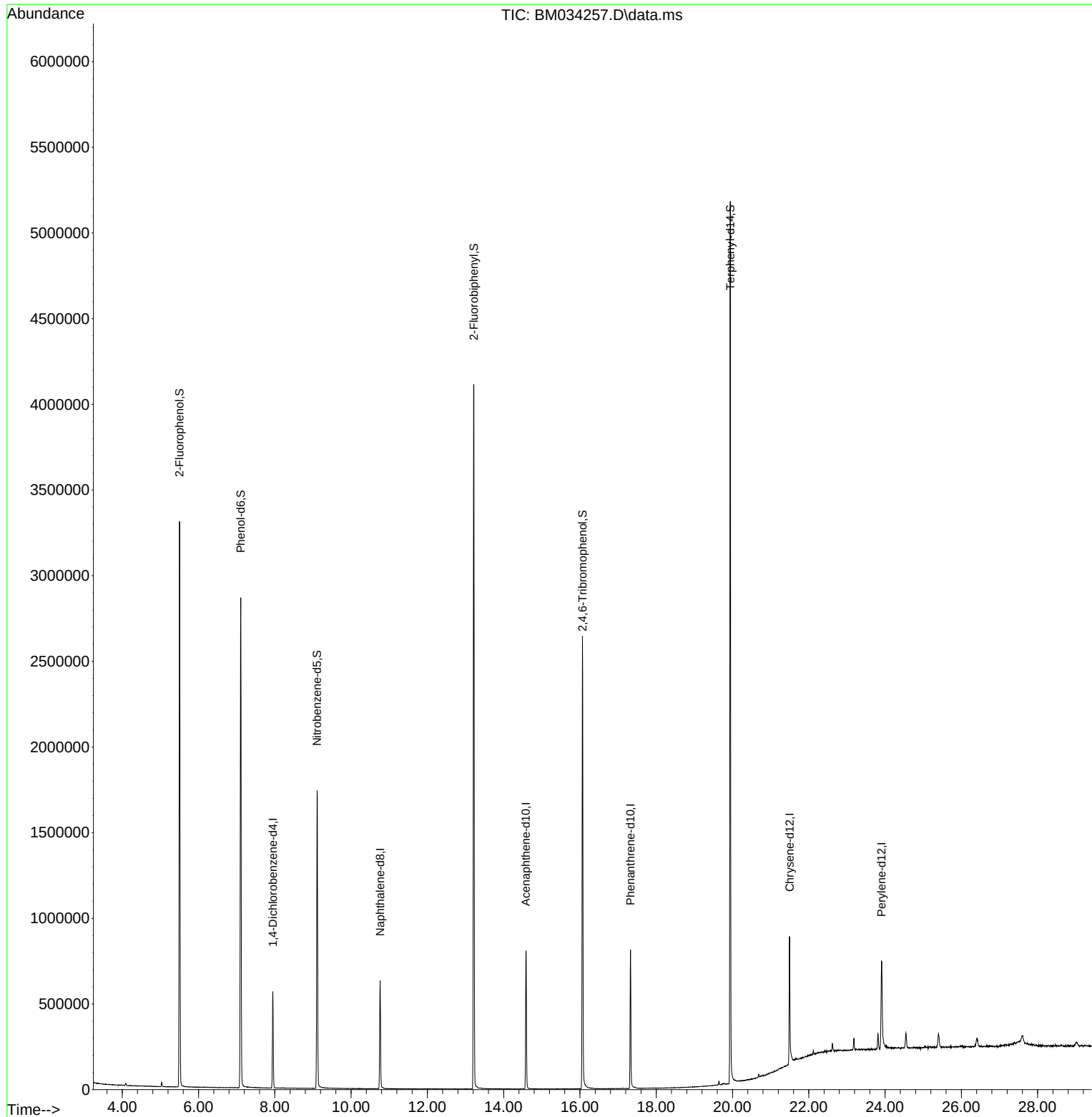
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

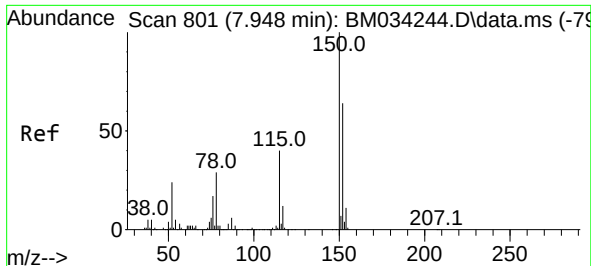
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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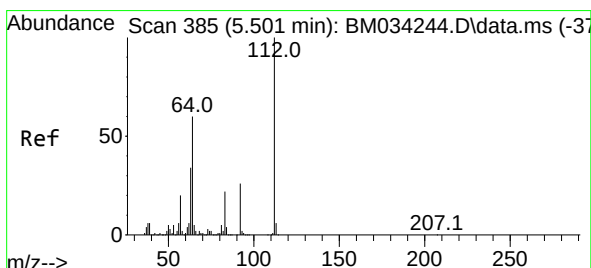
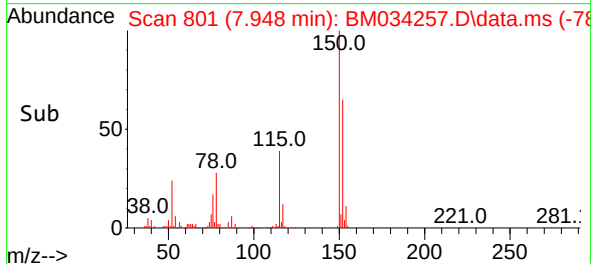
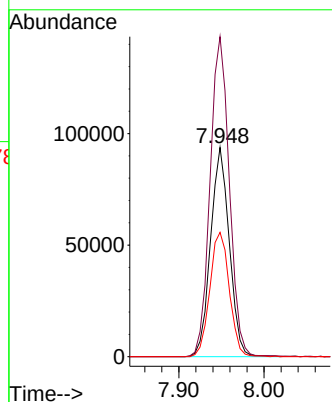
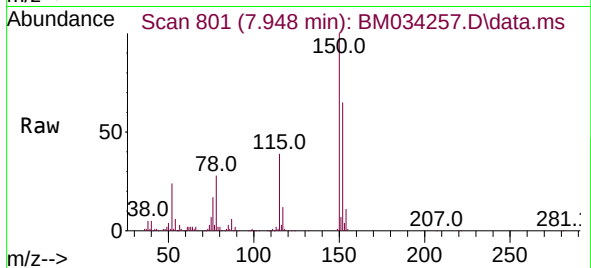




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.948 min Scan# 801  
 Delta R.T. 0.000 min  
 Lab File: BM034257.D  
 Acq: 16 Mar 2022 13:43

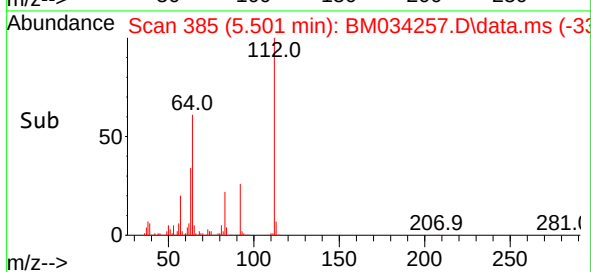
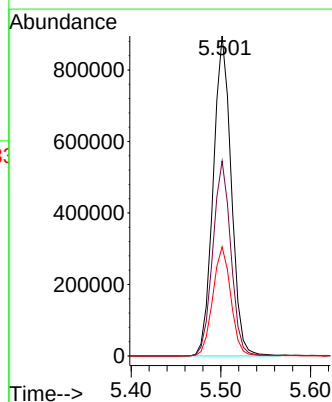
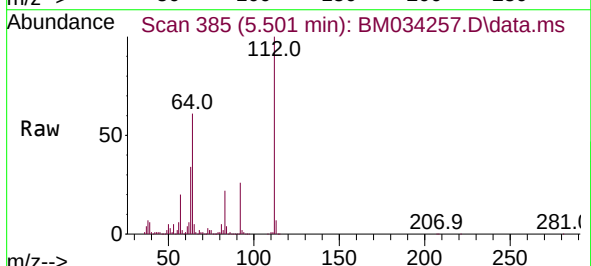
Instrument :  
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 ClientSampleId :  
 PB143171BL

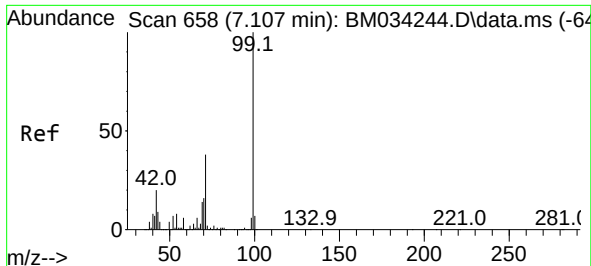
Tgt Ion:152 Resp: 143145  
 Ion Ratio Lower Upper  
 152 100  
 150 152.9 125.4 188.2  
 115 59.4 50.1 75.1



#5  
 2-Fluorophenol  
 Concen: 156.778 ng  
 RT: 5.501 min Scan# 385  
 Delta R.T. 0.000 min  
 Lab File: BM034257.D  
 Acq: 16 Mar 2022 13:43

Tgt Ion:112 Resp: 1250969  
 Ion Ratio Lower Upper  
 112 100  
 64 60.9 47.9 71.9  
 63 34.1 27.1 40.7

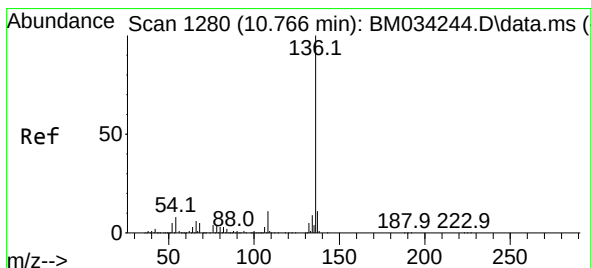
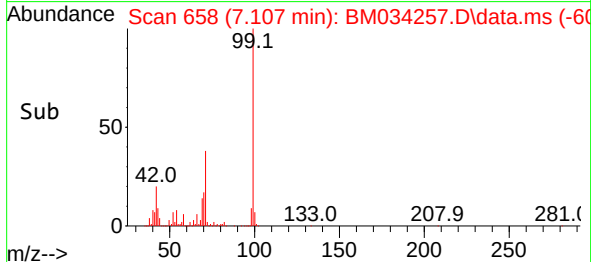
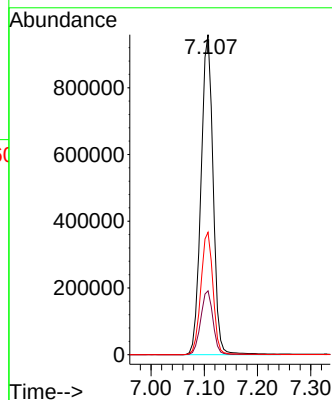
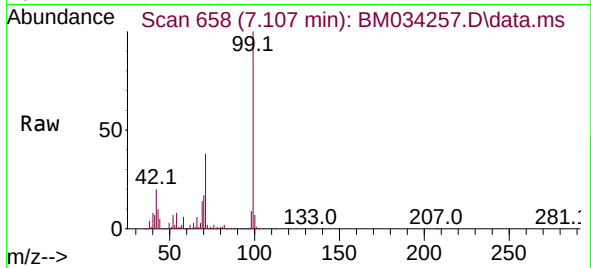




#7  
Phenol-d6  
Concen: 132.555 ng  
RT: 7.107 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

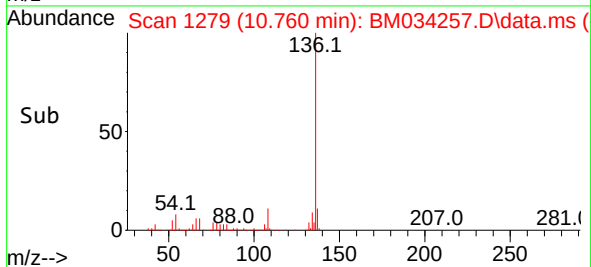
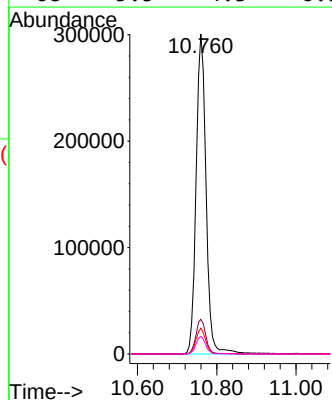
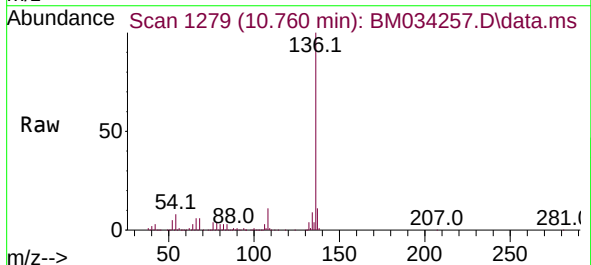
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BNA\_M  
ClientSampleId :  
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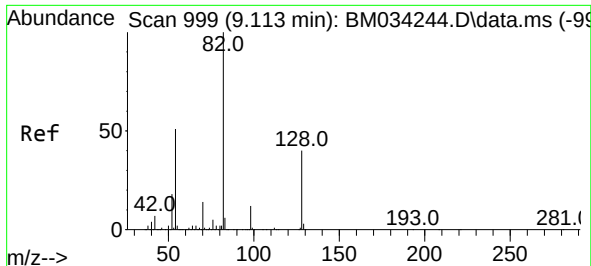
Tgt Ion: 99 Resp: 1514364  
Ion Ratio Lower Upper  
99 100  
42 19.9 15.6 23.4  
71 38.3 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.760 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

Tgt Ion: 136 Resp: 524287  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.1 6.2 9.4  
68 5.5 4.3 6.5

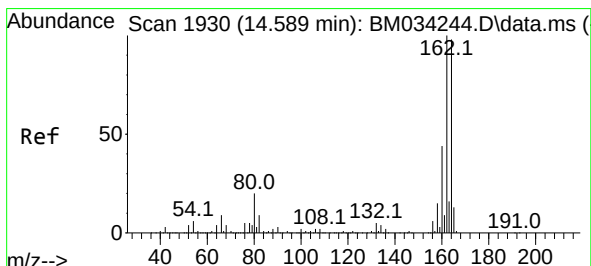
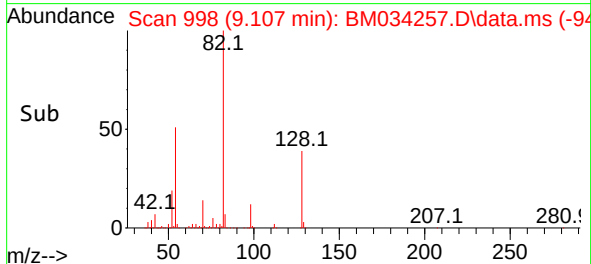
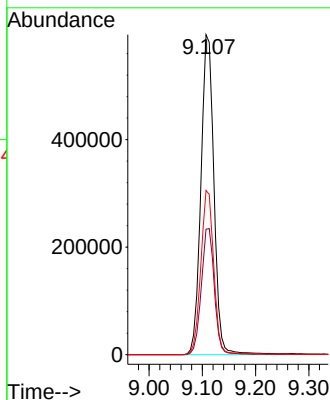
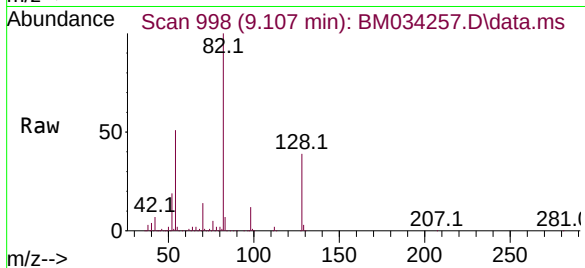




#23  
Nitrobenzene-d5  
Concen: 94.043 ng  
RT: 9.107 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

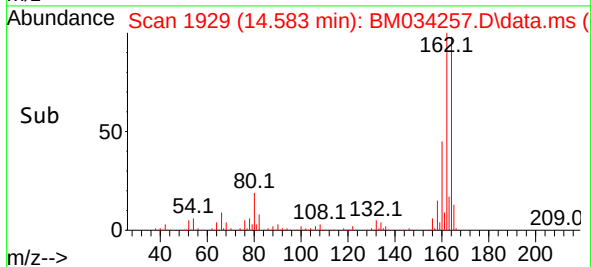
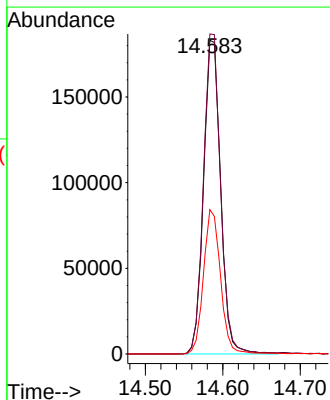
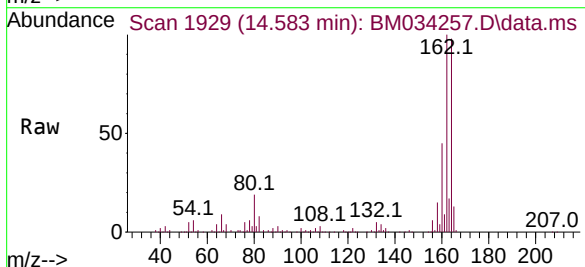
Instrument :  
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ClientSampleId :  
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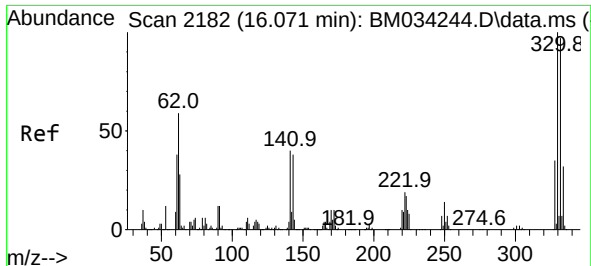
Tgt Ion: 82 Resp: 1012710  
Ion Ratio Lower Upper  
82 100  
128 39.2 31.9 47.9  
54 51.3 40.6 61.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.583 min Scan# 1929  
Delta R.T. -0.006 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

Tgt Ion: 164 Resp: 281008  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.6 122.4  
160 46.0 35.6 53.4

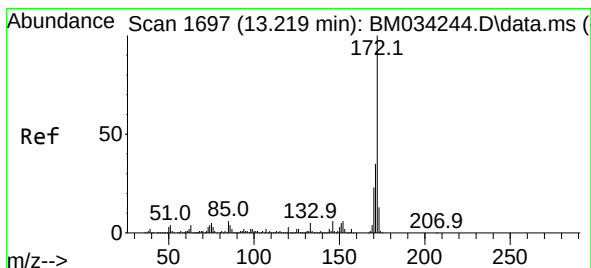
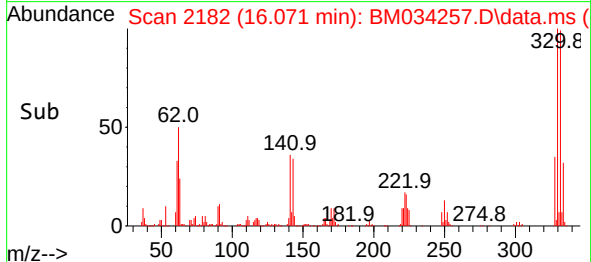
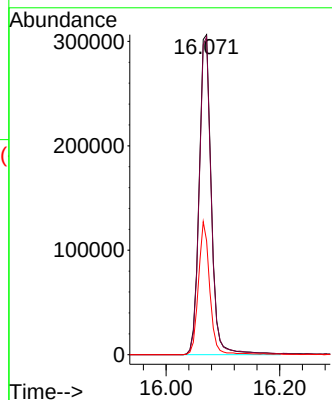
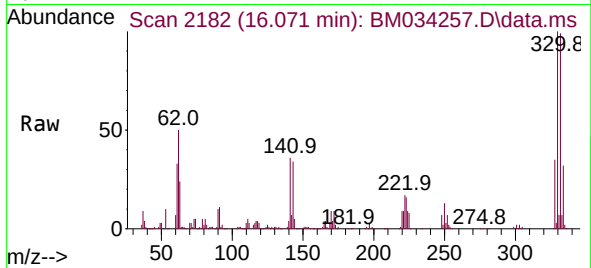




#42  
2,4,6-Tribromophenol  
Concen: 120.723 ng  
RT: 16.071 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

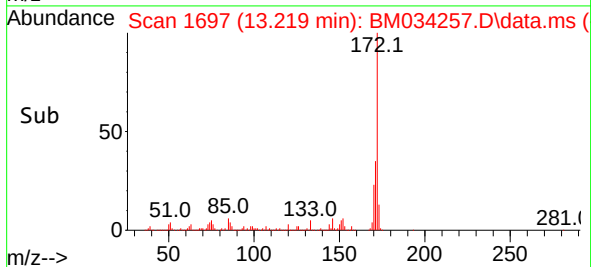
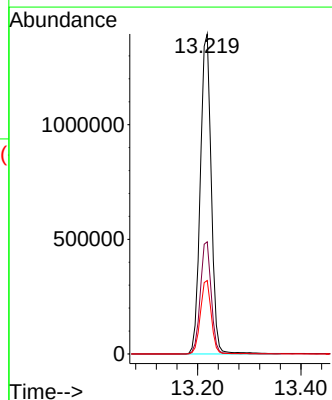
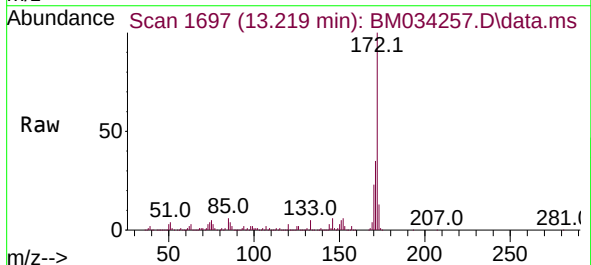
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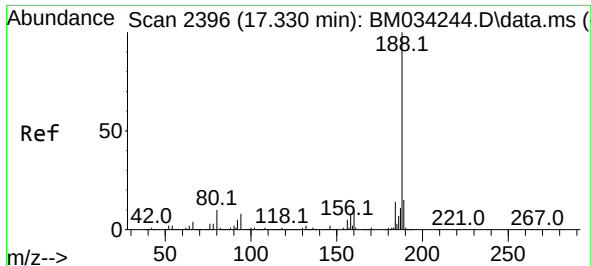
Tgt Ion:330 Resp: 457254  
Ion Ratio Lower Upper  
330 100  
332 98.1 78.2 117.4  
141 38.7 30.6 45.8



#45  
2-Fluorobiphenyl  
Concen: 99.661 ng  
RT: 13.219 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

Tgt Ion:172 Resp: 2049449  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.0 18.6 28.0

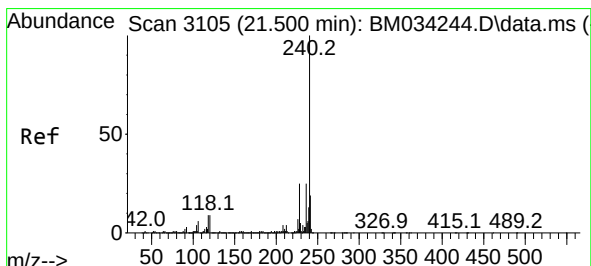
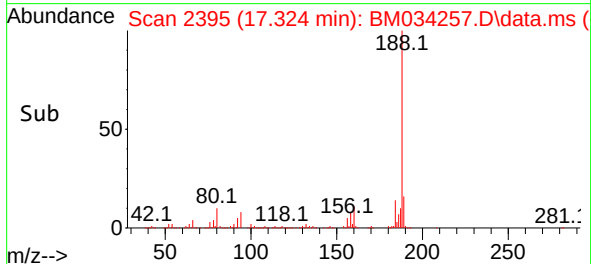
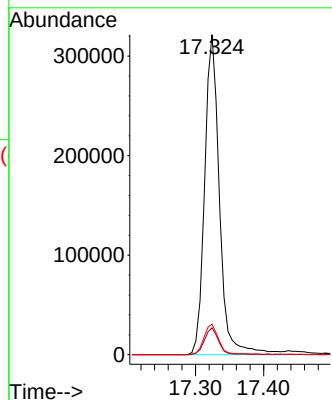
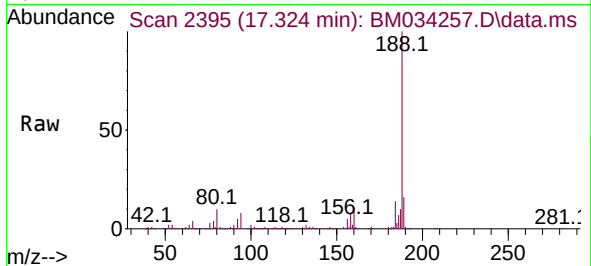




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

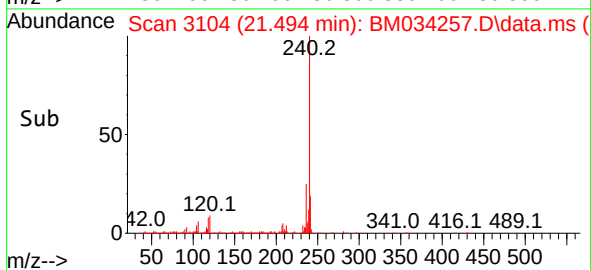
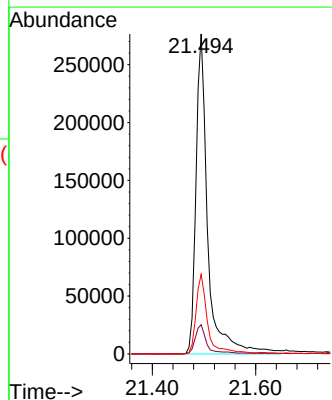
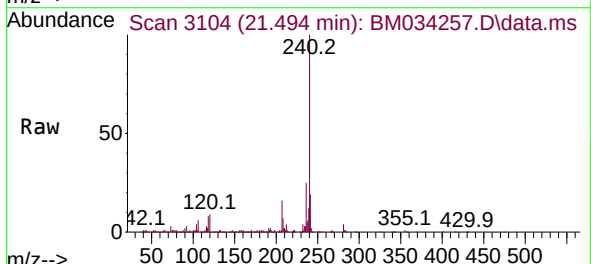
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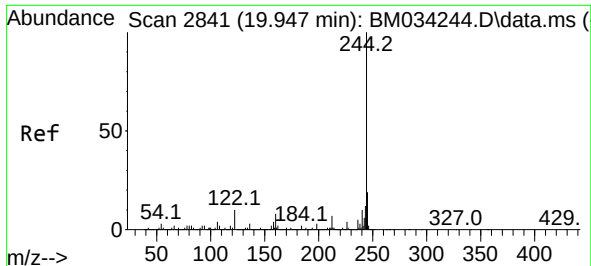
Tgt Ion:188 Resp: 486997  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.6 9.8  
80 9.6 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.494 min Scan# 3104  
Delta R.T. -0.006 min  
Lab File: BM034257.D  
Acq: 16 Mar 2022 13:43

Tgt Ion:240 Resp: 438676  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.3 10.9  
236 24.9 20.2 30.2

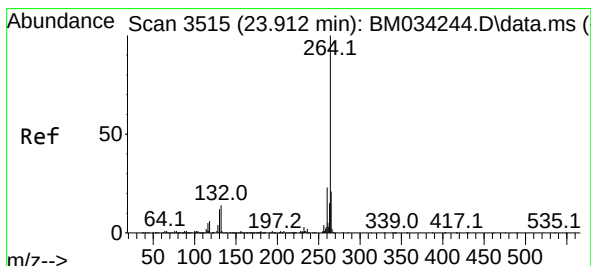
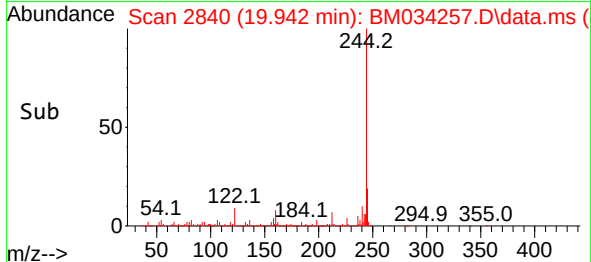
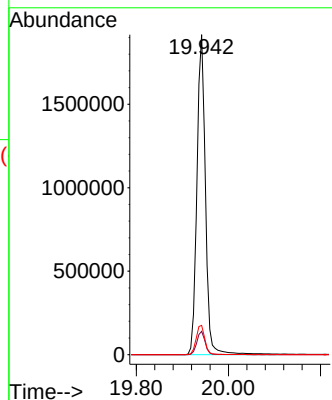
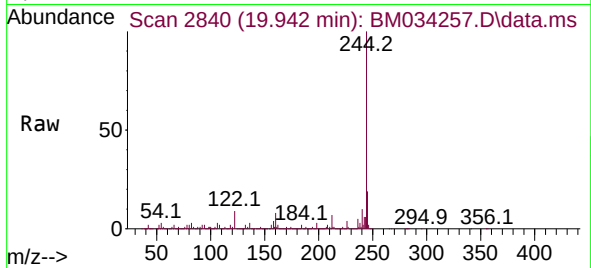




#79  
 Terphenyl-d14  
 Concen: 97.400 ng  
 RT: 19.942 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM034257.D  
 Acq: 16 Mar 2022 13:43

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB143171BL

Tgt Ion:244 Resp: 2458965  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 9.1 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.906 min Scan# 3514  
 Delta R.T. -0.006 min  
 Lab File: BM034257.D  
 Acq: 16 Mar 2022 13:43

Tgt Ion:264 Resp: 479829  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.6 28.0  
 265 22.0 17.6 26.4

