

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050222\  
 Data File : BM034884.D  
 Acq On : 02 May 2022 22:04  
 Operator : CG/JU  
 Sample : N2619-20  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB09-13-14-FT

Quant Time: May 03 05:22:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 202791   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.728 | 136  | 851352   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.557 | 164  | 565984   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.298 | 188  | 1281390  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.474 | 240  | 1390109  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.862 | 264  | 1265076  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 1554552  | 135.241 | ng    | 0.00     |
| 7) Phenol-d6                | 7.093  | 99   | 2026414  | 136.561 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.087  | 82   | 1307769  | 82.952  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330  | 895991   | 145.529 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 3044109  | 78.077  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.921 | 244  | 5425179  | 75.564  | ng    | 0.00     |

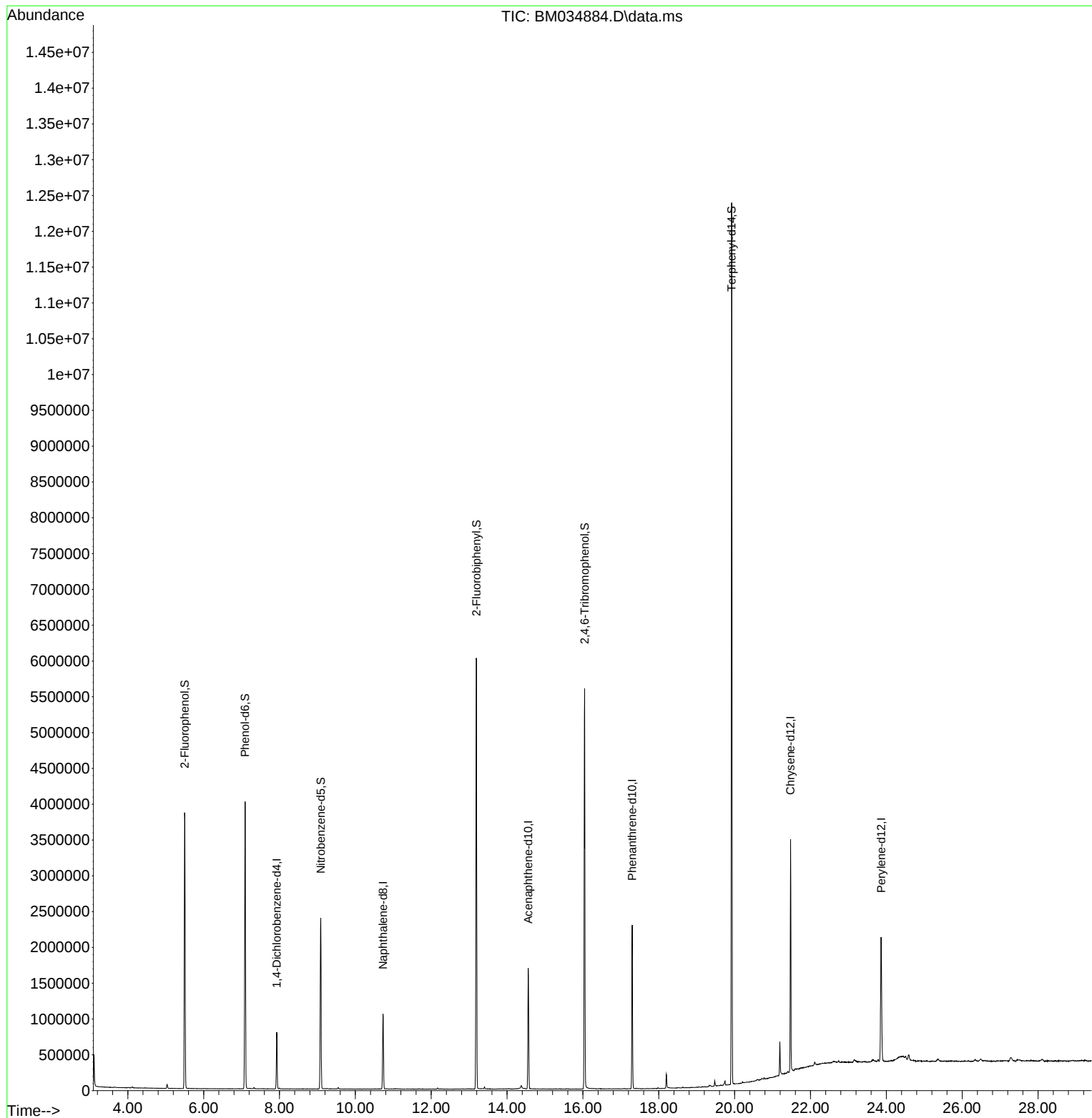
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

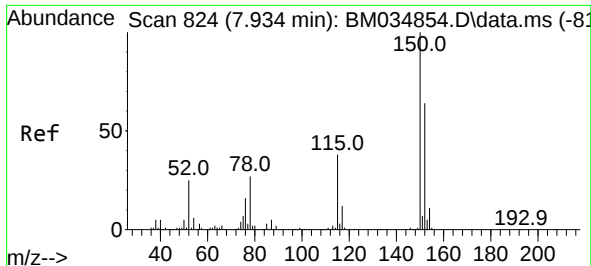
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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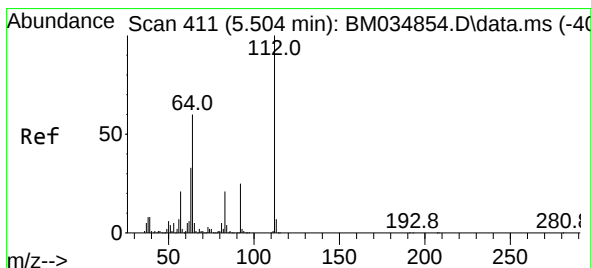
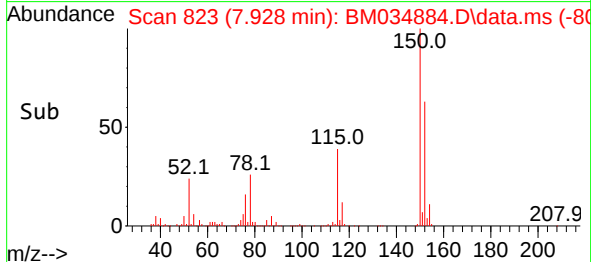
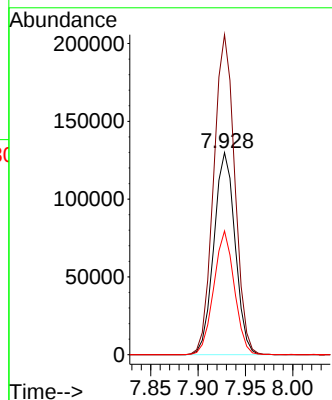
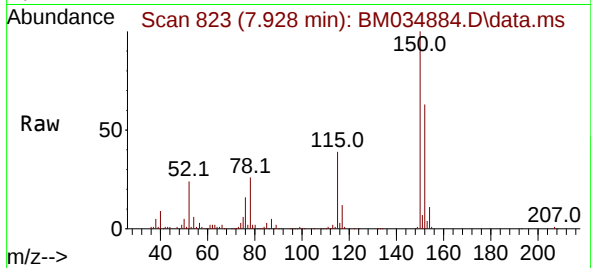




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

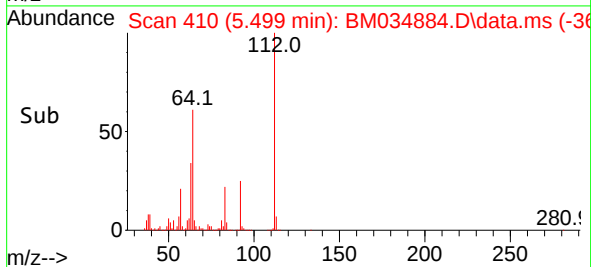
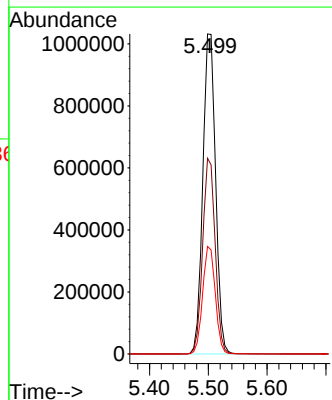
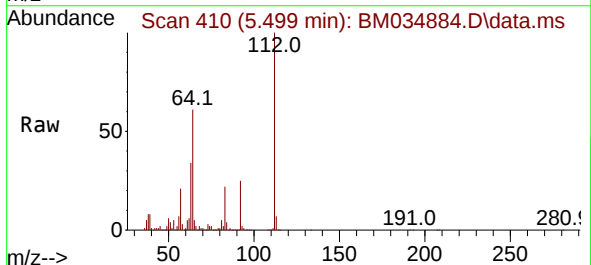
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BNA\_M  
ClientSampleId :  
SB09-13-14-FT

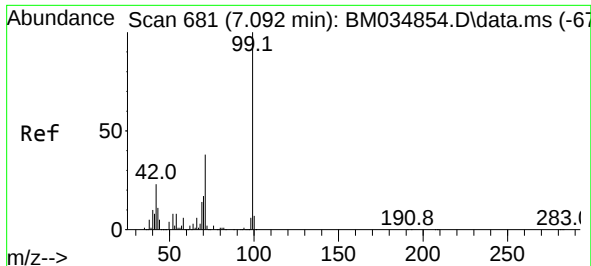
Tgt Ion:152 Resp: 202791  
Ion Ratio Lower Upper  
152 100  
150 158.4 124.9 187.3  
115 61.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 135.241 ng  
RT: 5.499 min Scan# 410  
Delta R.T. -0.005 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Tgt Ion:112 Resp: 1554552  
Ion Ratio Lower Upper  
112 100  
64 61.2 47.8 71.6  
63 33.6 26.6 40.0



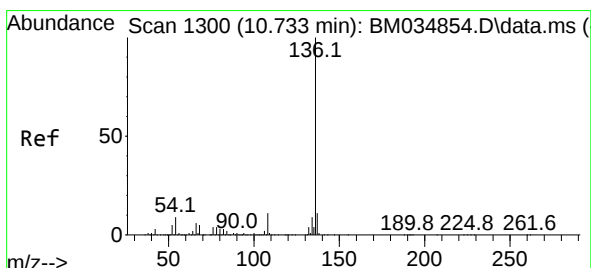
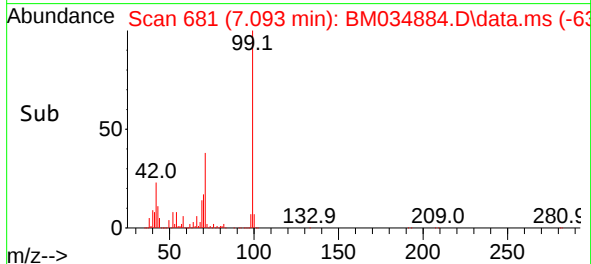
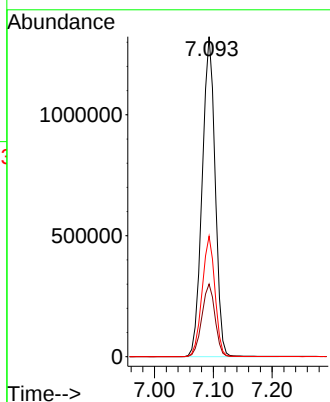
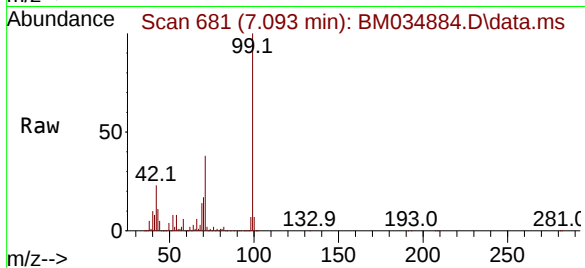


#7  
Phenol-d6  
Concen: 136.561 ng  
RT: 7.093 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Instrument :  
BNA\_M  
ClientSampleId :  
SB09-13-14-FT

Tgt Ion: 99 Resp: 2026414

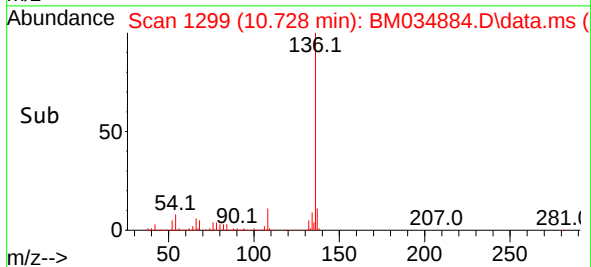
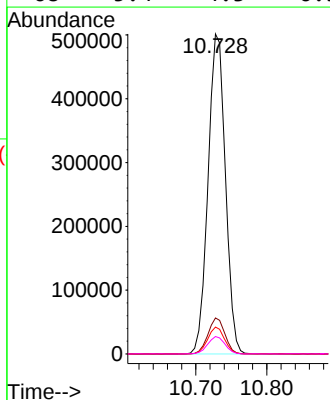
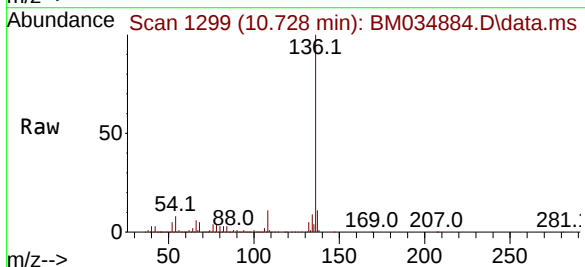
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.7  | 18.8  | 28.2  |
| 71  | 37.7  | 30.2  | 45.2  |

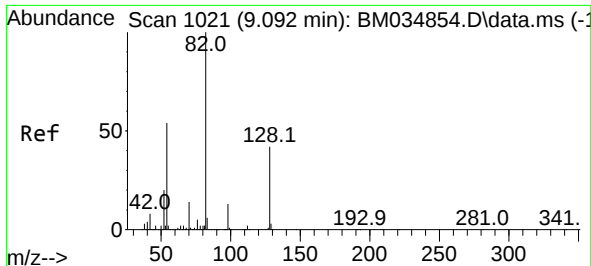


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1299  
Delta R.T. -0.005 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Tgt Ion: 136 Resp: 851352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 8.4   | 7.0   | 10.4  |
| 68  | 5.4   | 4.3   | 6.5   |

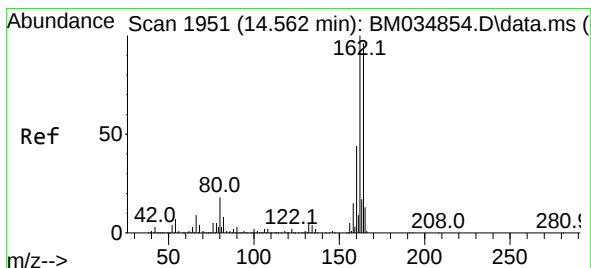
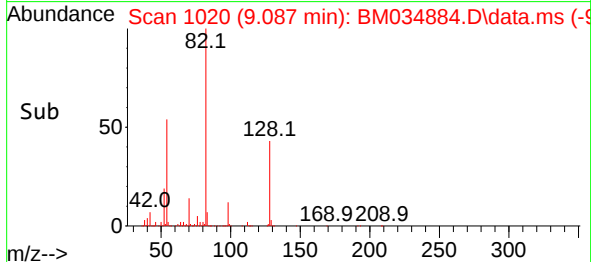
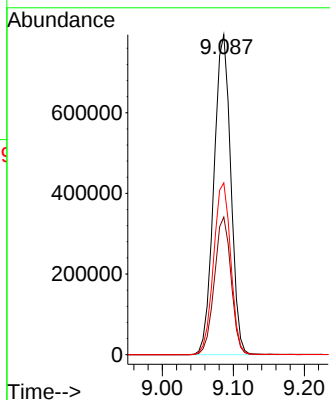
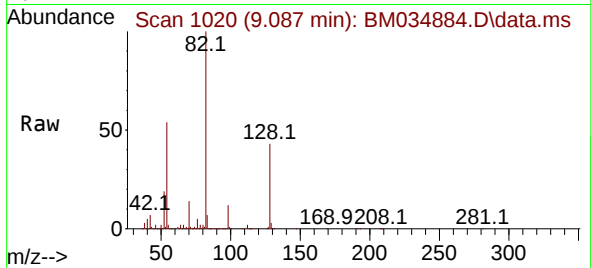




#23  
Nitrobenzene-d5  
Concen: 82.952 ng  
RT: 9.087 min Scan# 1020  
Delta R.T. -0.005 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

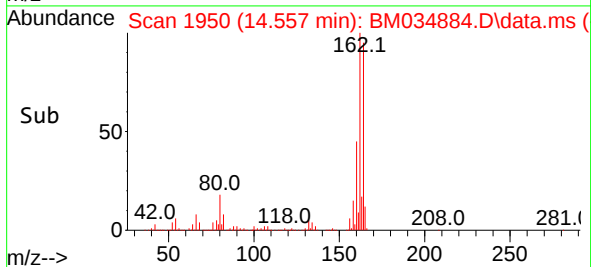
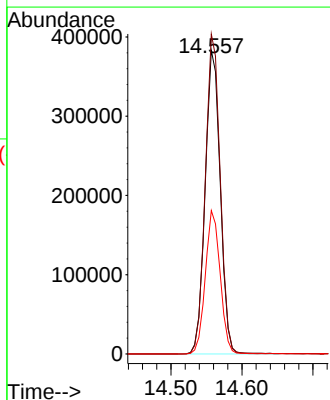
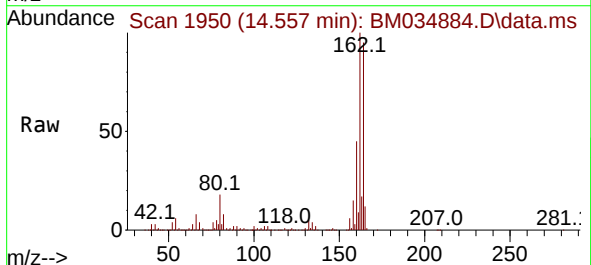
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BNA\_M  
ClientSampleId :  
SB09-13-14-FT

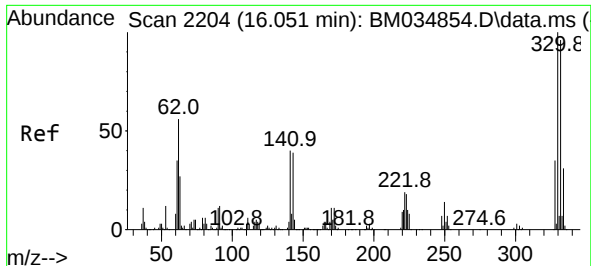
Tgt Ion: 82 Resp: 1307769  
Ion Ratio Lower Upper  
82 100  
128 43.0 33.7 50.5  
54 53.7 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Tgt Ion: 164 Resp: 565984  
Ion Ratio Lower Upper  
164 100  
162 105.4 83.0 124.6  
160 47.2 37.0 55.4

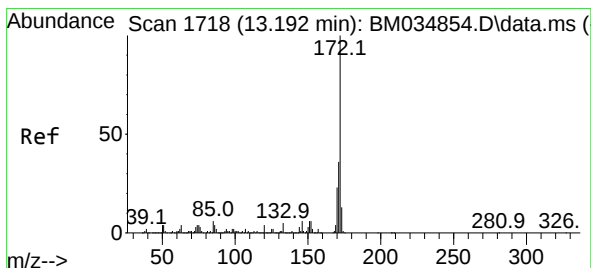
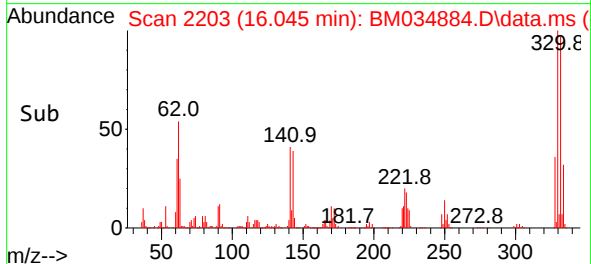
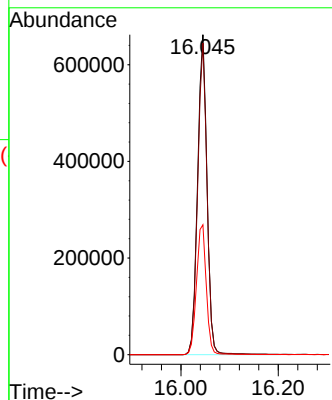
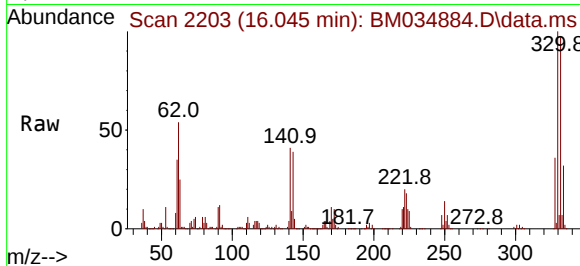




#42  
2,4,6-Tribromophenol  
Concen: 145.529 ng  
RT: 16.045 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

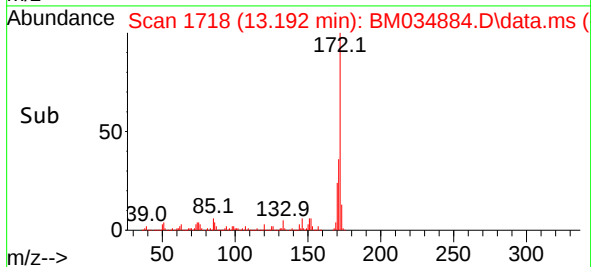
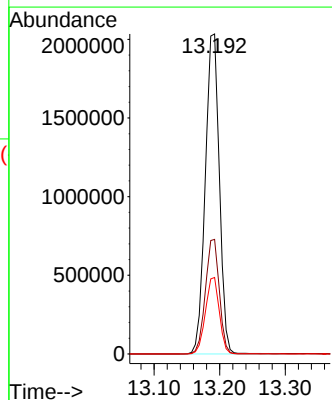
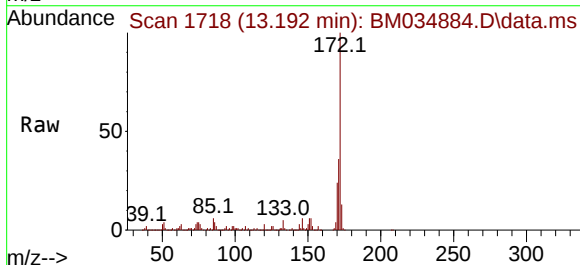
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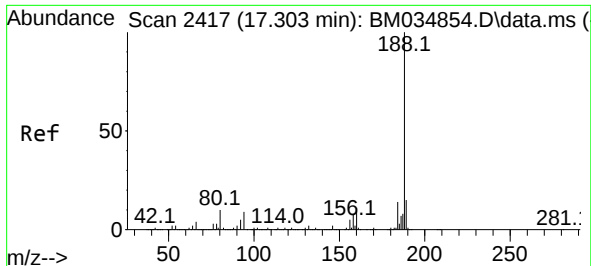
Tgt Ion:330 Resp: 895991  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 42.3 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 78.077 ng  
RT: 13.192 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Tgt Ion:172 Resp: 3044109  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.9 18.7 28.1

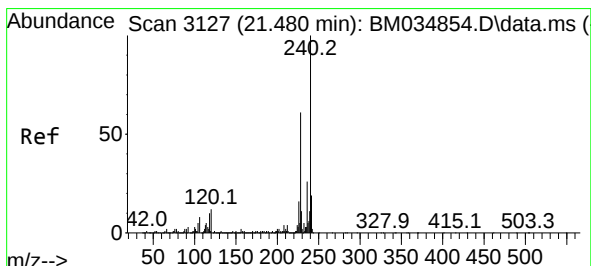
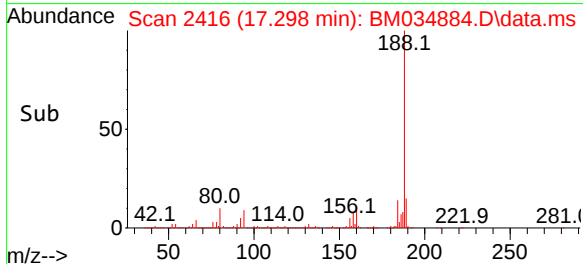
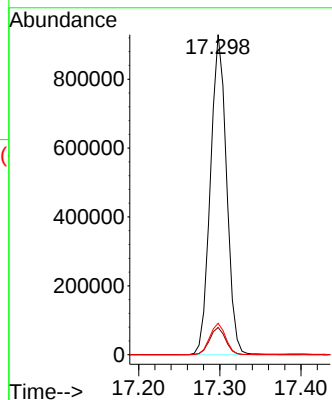
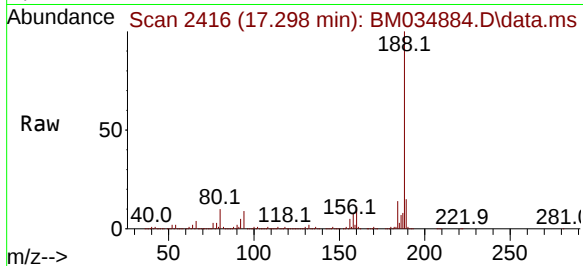




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

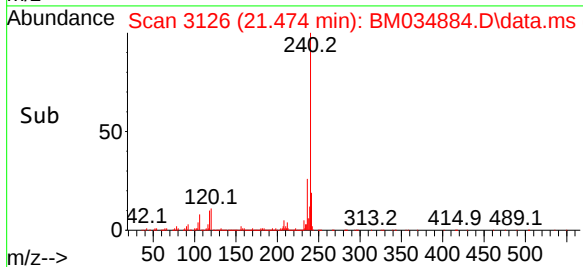
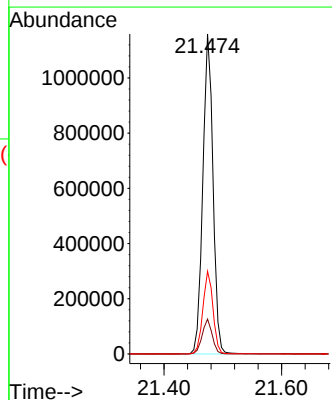
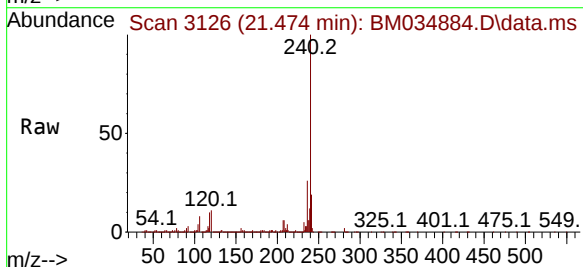
Instrument :  
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SB09-13-14-FT

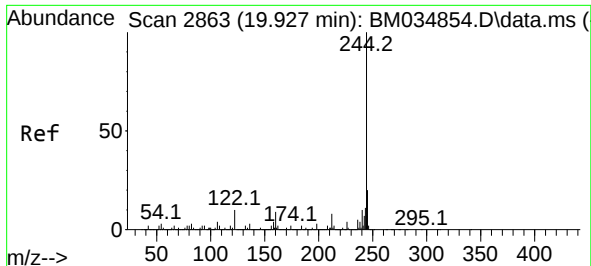
Tgt Ion:188 Resp: 1281390  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.0 10.4  
80 9.8 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.474 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BM034884.D  
Acq: 02 May 2022 22:04

Tgt Ion:240 Resp: 1390109  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.4 14.0  
236 25.9 20.6 30.8

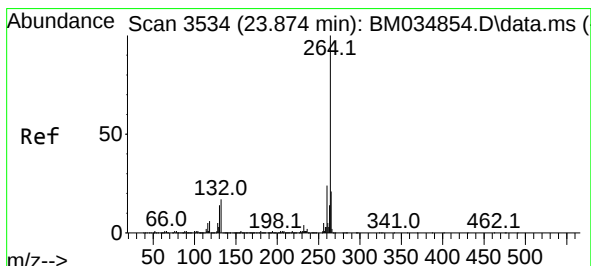
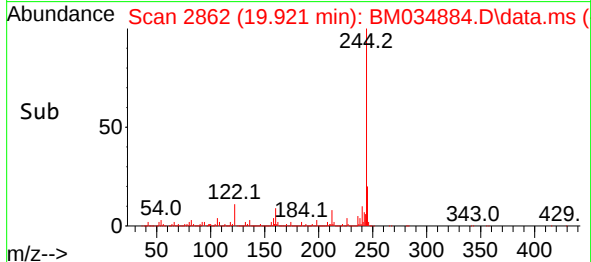
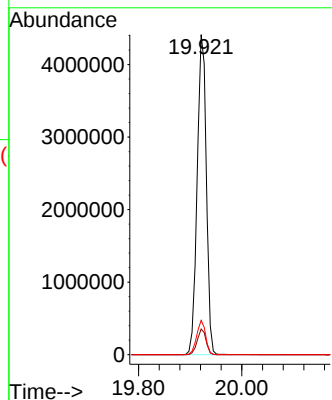
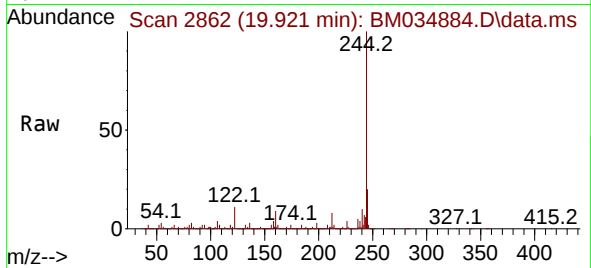




#79  
 Terphenyl-d14  
 Concen: 75.564 ng  
 RT: 19.921 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM034884.D  
 Acq: 02 May 2022 22:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB09-13-14-FT

Tgt Ion:244 Resp: 5425179  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.4  
 122 10.7 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.862 min Scan# 3532  
 Delta R.T. -0.012 min  
 Lab File: BM034884.D  
 Acq: 02 May 2022 22:04

Tgt Ion:264 Resp: 1265076  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.9 28.3  
 265 21.8 17.5 26.3

