

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110821\  
 Data File : BM032898.D  
 Acq On : 08 Nov 2021 17:05  
 Operator : CG/JU  
 Sample : M4497-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RO-COMP-1

Quant Time: Nov 09 00:24:24 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 02 16:07:18 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.484  | 152  | 68201    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.266 | 136  | 294816   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.148 | 164  | 216082   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.883 | 188  | 501601   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.065 | 240  | 563362   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.177 | 264  | 590554   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.078  | 112  | 648986   | 165.897 | ng    | 0.00     |
| 7) Phenol-d6                | 6.690  | 99   | 800861   | 137.471 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.637  | 82   | 549043   | 101.930 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.642 | 330  | 380044   | 157.044 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.760 | 172  | 1345557  | 96.581  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.518 | 244  | 2344866  | 90.873  | ng    | 0.00     |

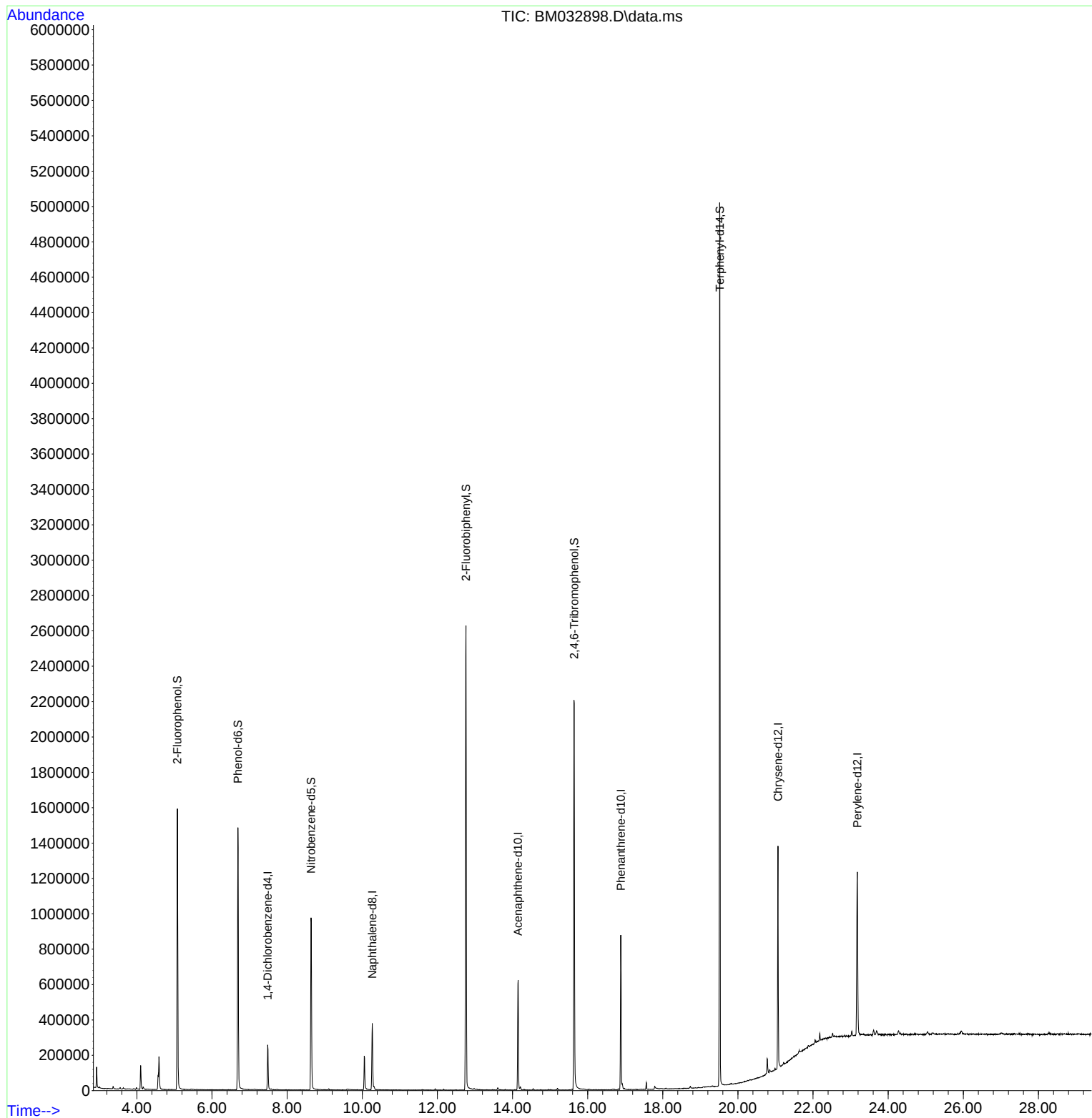
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

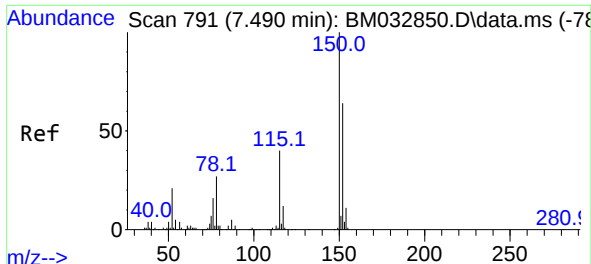
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

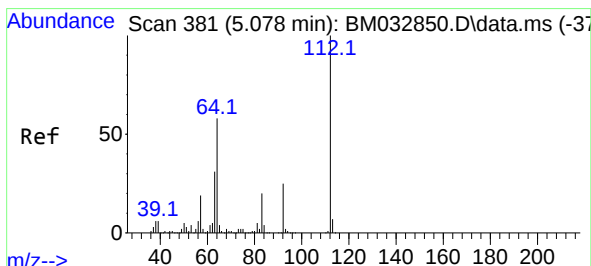
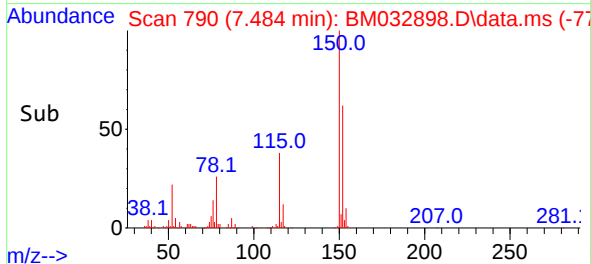
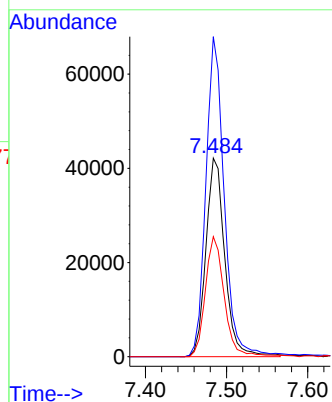
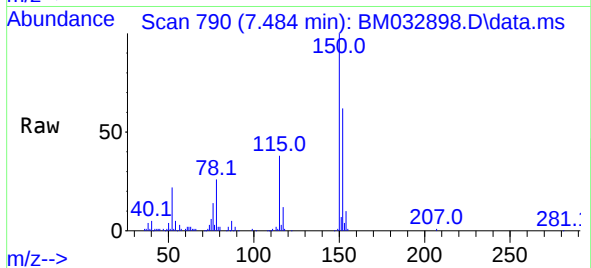




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.484 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

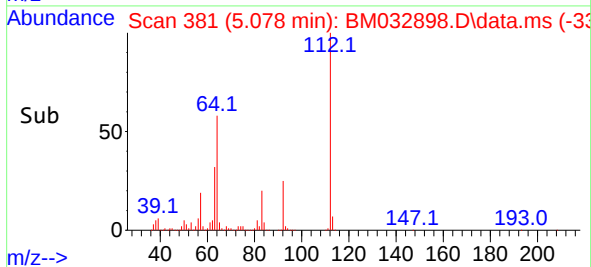
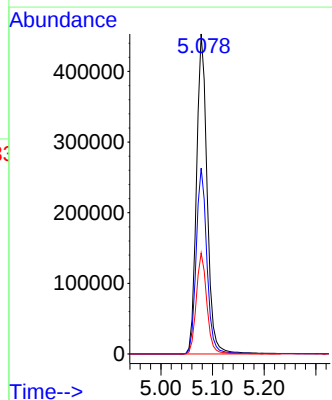
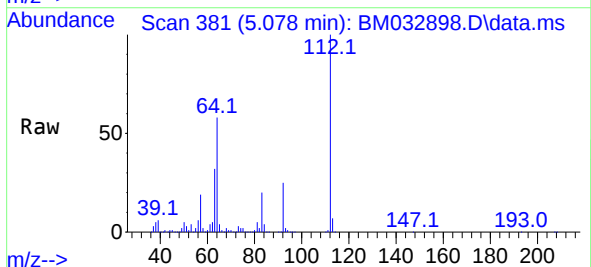
Instrument :  
BNA\_M  
ClientSampleId :  
RO-COMP-1

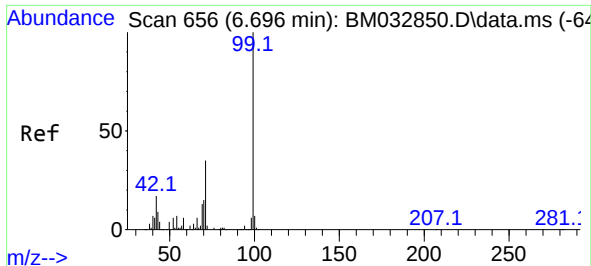
Tgt Ion:152 Resp: 68201  
Ion Ratio Lower Upper  
152 100  
150 161.1 122.4 183.6  
115 60.5 53.8 80.8



#5  
2-Fluorophenol  
Concen: 165.897 ng  
RT: 5.078 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

Tgt Ion:112 Resp: 648986  
Ion Ratio Lower Upper  
112 100  
64 58.1 53.7 80.5  
63 31.6 33.9 50.9#

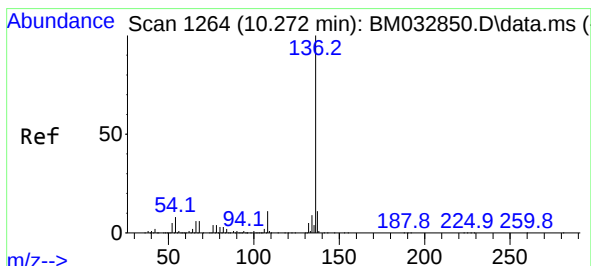
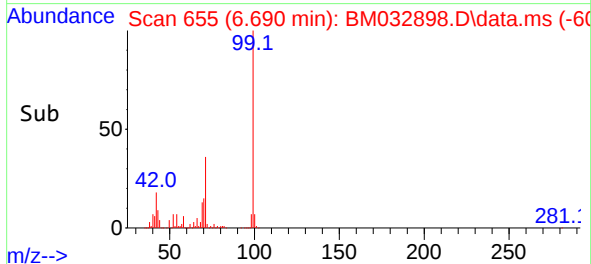
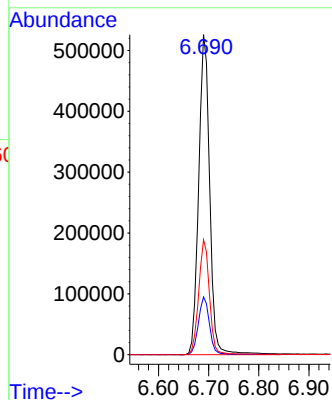
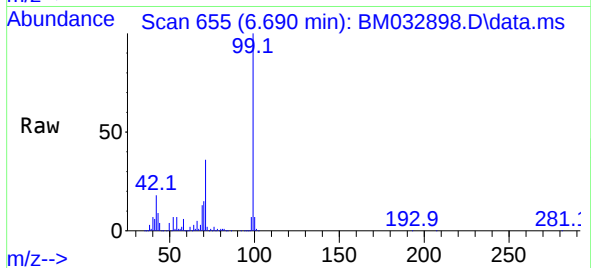




#7  
Phenol-d6  
Concen: 137.471 ng  
RT: 6.690 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

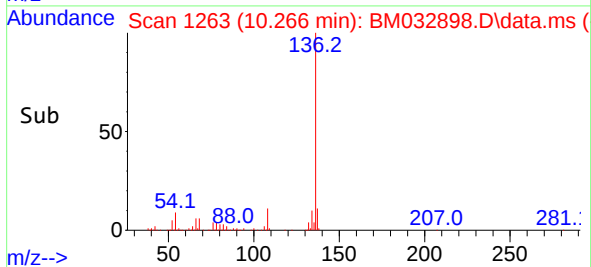
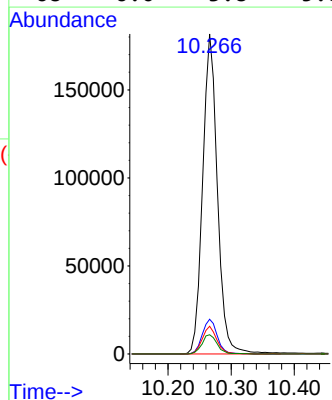
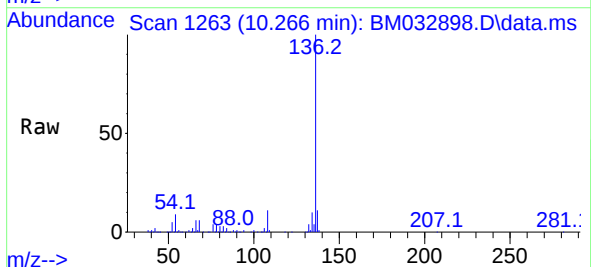
Instrument :  
BNA\_M  
ClientSampleId :  
RO-COMP-1

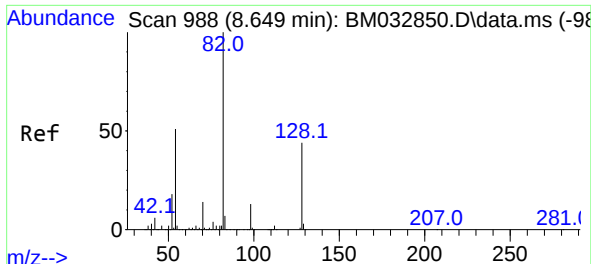
Tgt Ion: 99 Resp: 800861  
Ion Ratio Lower Upper  
99 100  
42 18.0 23.0 34.6#  
71 35.9 37.8 56.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.266 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

Tgt Ion: 136 Resp: 294816  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 8.6 7.4 11.0  
68 6.0 3.8 5.8#

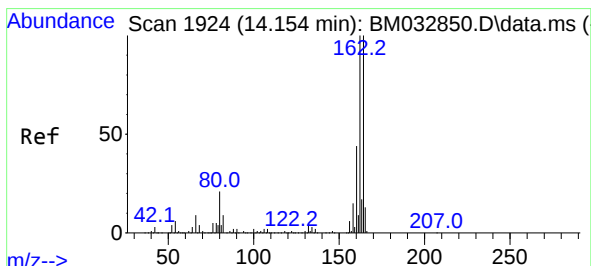
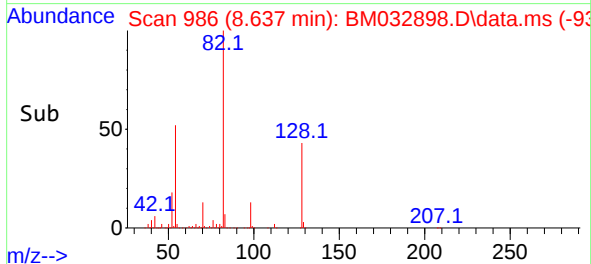
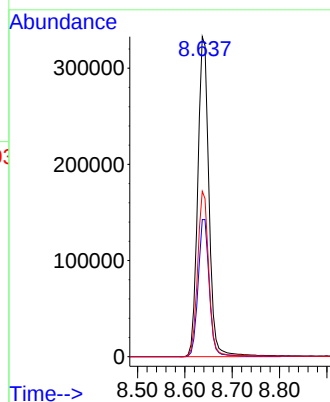
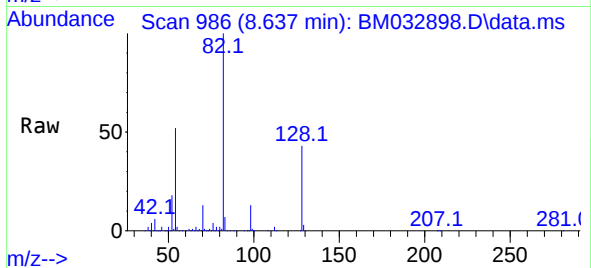




#23  
Nitrobenzene-d5  
Concen: 101.930 ng  
RT: 8.637 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

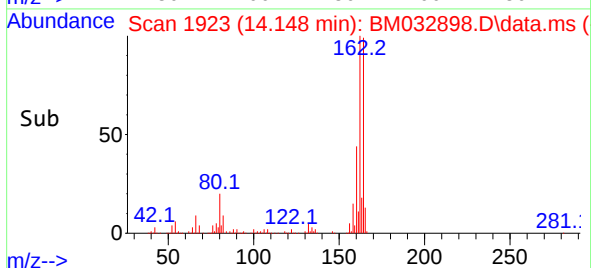
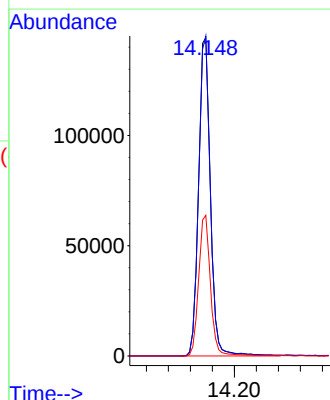
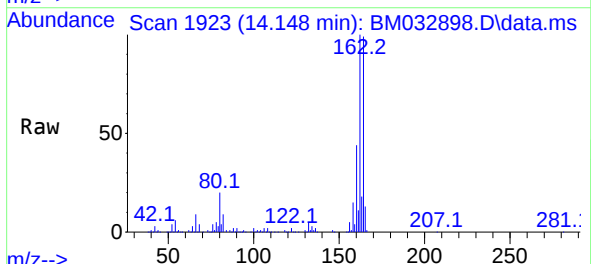
Instrument :  
BNA\_M  
ClientSampleId :  
RO-COMP-1

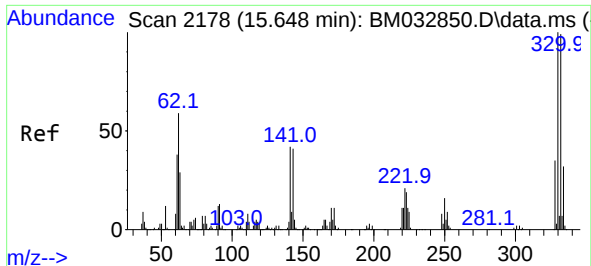
Tgt Ion: 82 Resp: 549043  
Ion Ratio Lower Upper  
82 100  
128 42.9 29.0 43.6  
54 51.7 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.148 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

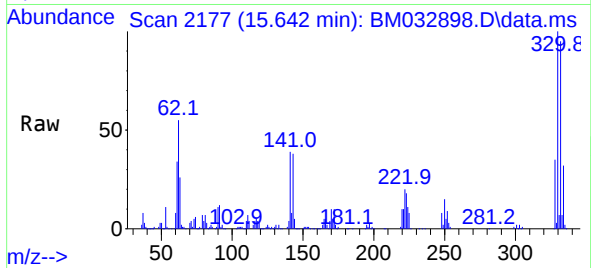
Tgt Ion: 164 Resp: 216082  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.6 121.0  
160 44.2 35.1 52.7



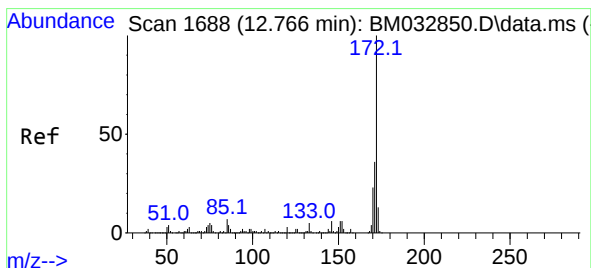
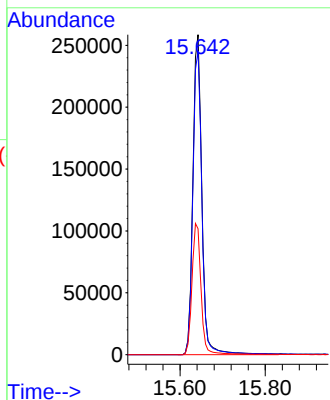
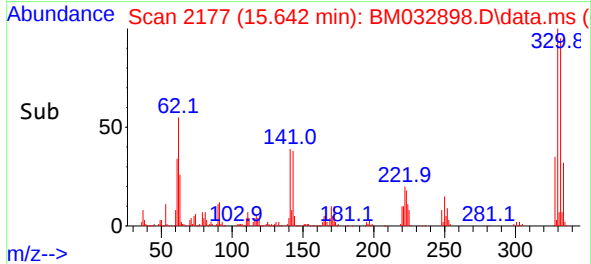


#42  
2,4,6-Tribromophenol  
Concen: 157.044 ng  
RT: 15.642 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

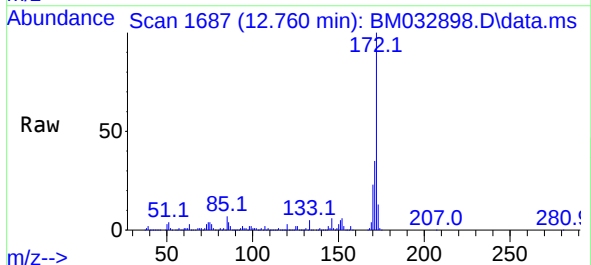
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ClientSampleId :  
RO-COMP-1



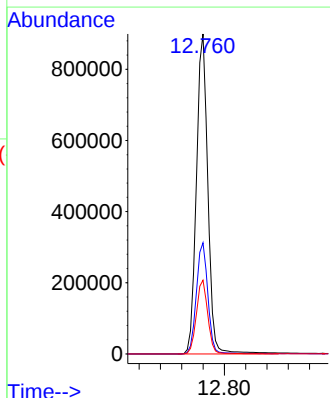
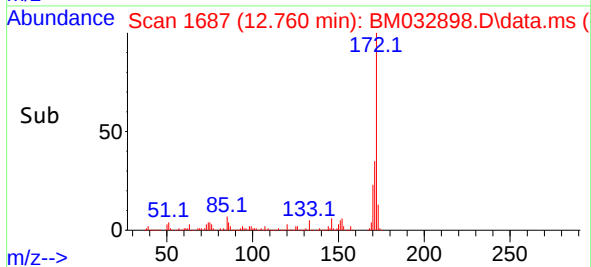
Tgt Ion:330 Resp: 380044  
Ion Ratio Lower Upper  
330 100  
332 95.3 75.7 113.5  
141 41.1 50.7 76.1#

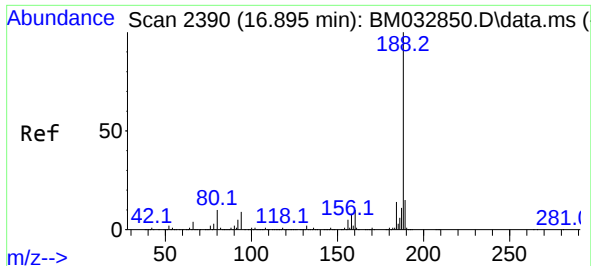


#45  
2-Fluorobiphenyl  
Concen: 96.581 ng  
RT: 12.760 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05



Tgt Ion:172 Resp: 1345557  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.1 18.6 27.8

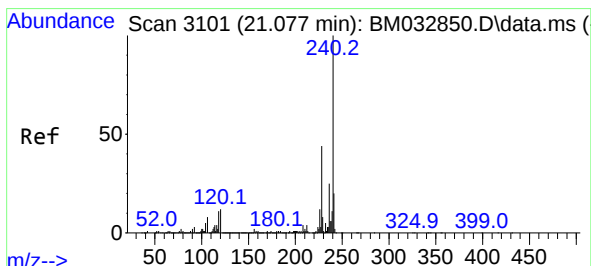
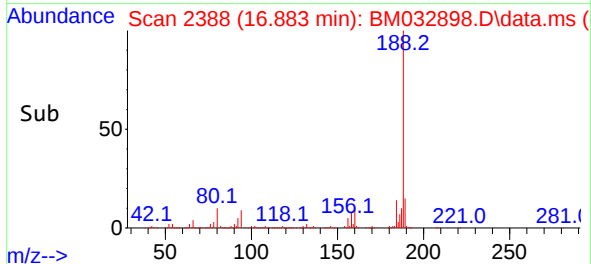
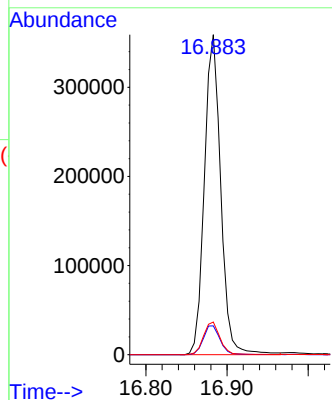
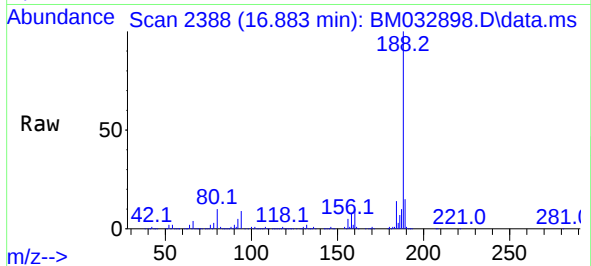




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.883 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

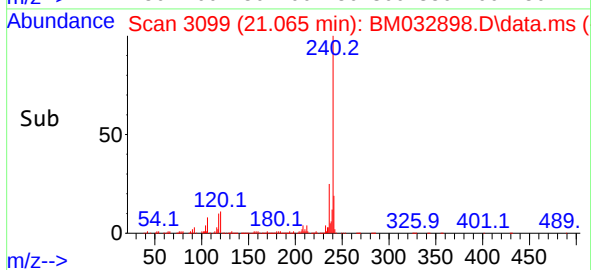
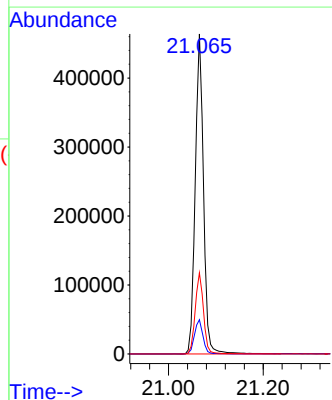
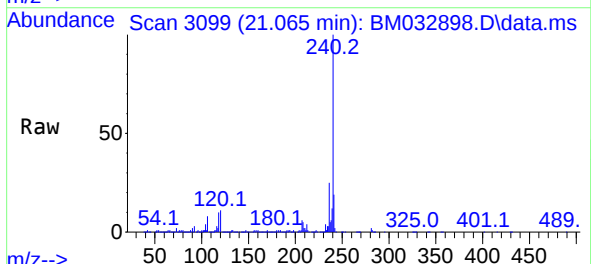
Instrument :  
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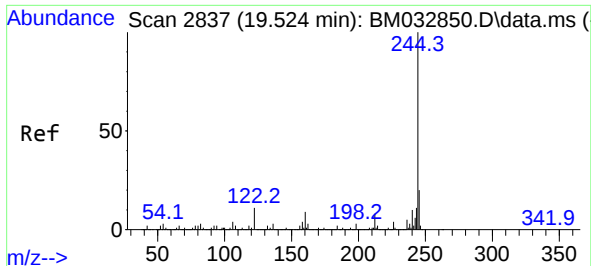
Tgt Ion:188 Resp: 501601  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.3 9.5  
80 10.2 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.065 min Scan# 3099  
Delta R.T. -0.012 min  
Lab File: BM032898.D  
Acq: 08 Nov 2021 17:05

Tgt Ion:240 Resp: 563362  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.8 11.6  
236 25.4 20.9 31.3

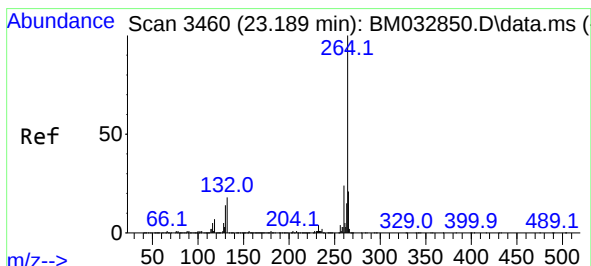
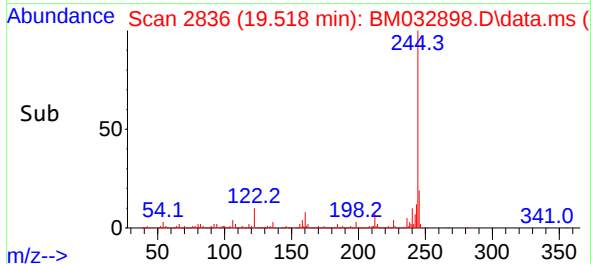
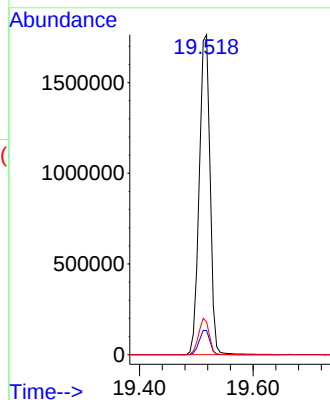
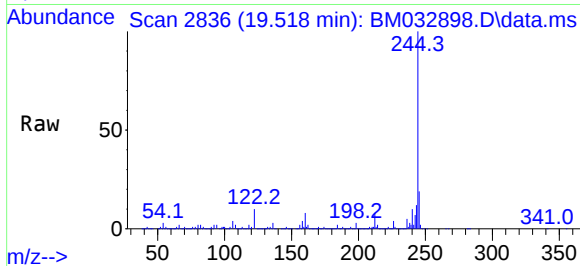




#79  
 Terphenyl-d14  
 Concen: 90.873 ng  
 RT: 19.518 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM032898.D  
 Acq: 08 Nov 2021 17:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RO-COMP-1

Tgt Ion:244 Resp: 2344866  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 10.3 8.7 13.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.177 min Scan# 3458  
 Delta R.T. -0.012 min  
 Lab File: BM032898.D  
 Acq: 08 Nov 2021 17:05

Tgt Ion:264 Resp: 590554  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.3 28.9  
 265 22.1 18.3 27.5

