

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110821\  
 Data File : BM032899.D  
 Acq On : 08 Nov 2021 17:41  
 Operator : CG/JU  
 Sample : M4475-06RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DUP01

Quant Time: Nov 09 00:24:38 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  | 85261    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.266 | 136  | 375289   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.148 | 164  | 270915   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.883 | 188  | 600026   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.065 | 240  | 637911   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.171 | 264  | 656589   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.078  | 112  | 575955   | 117.770 | ng    | 0.00     |
| 7) Phenol-d6                | 6.689  | 99   | 767054   | 105.322 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.636  | 82   | 458169   | 66.820  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.642 | 330  | 310216   | 102.244 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.760 | 172  | 1111444  | 63.630  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.512 | 244  | 1727507  | 59.124  | ng    | -0.01    |

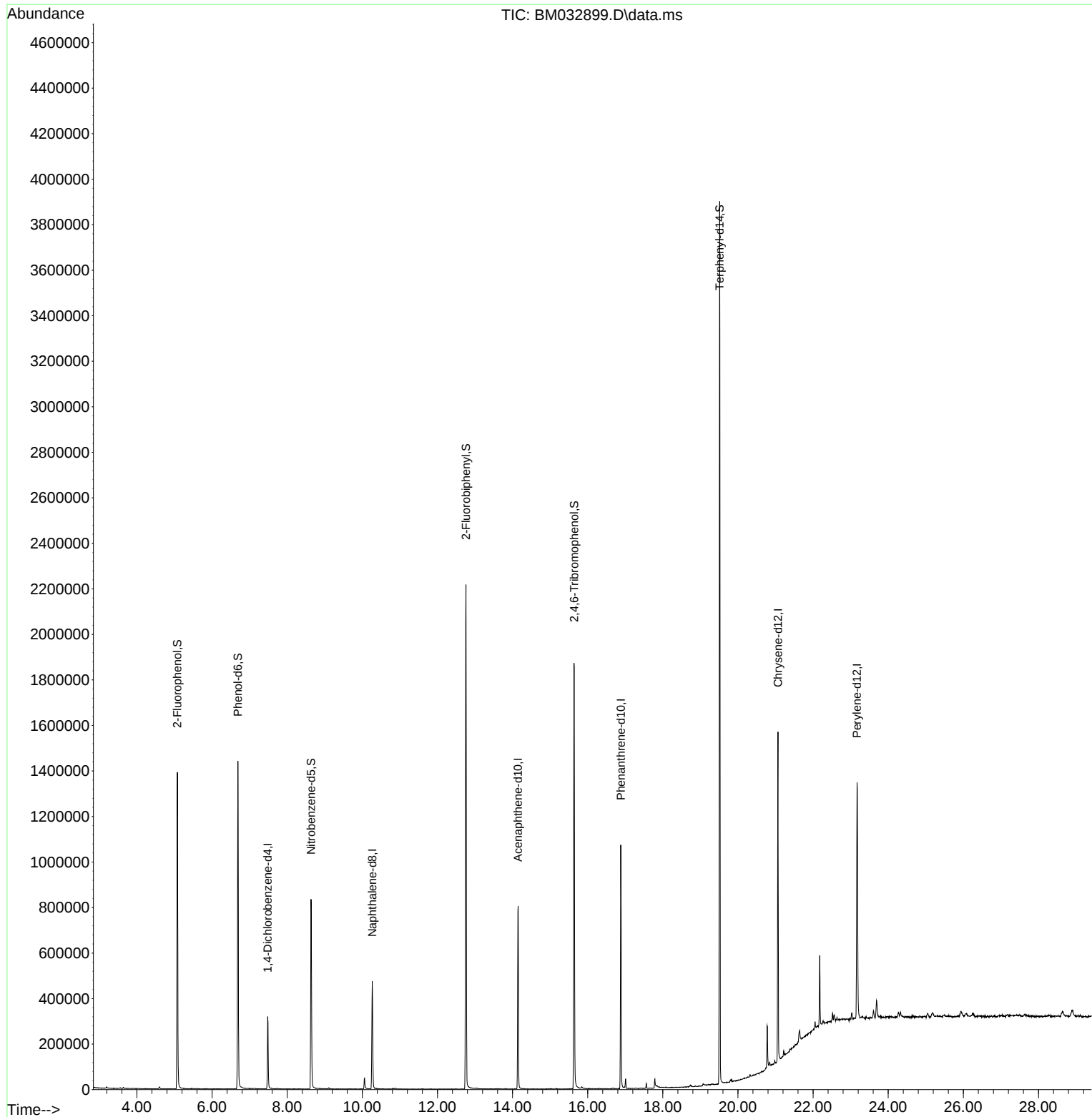
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

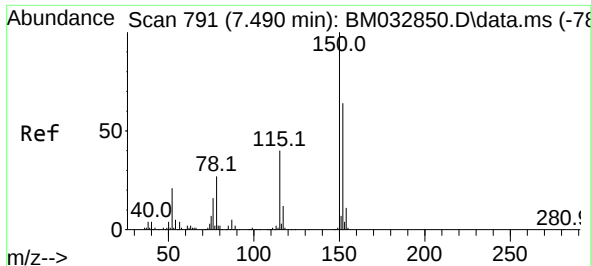
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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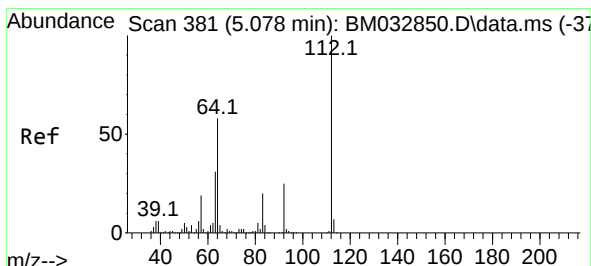
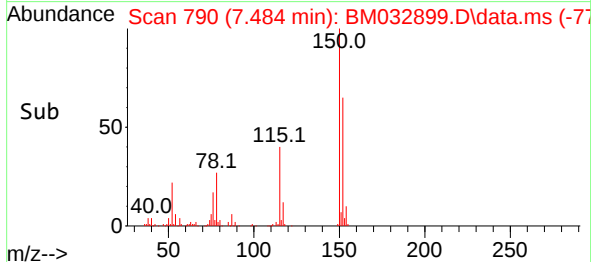
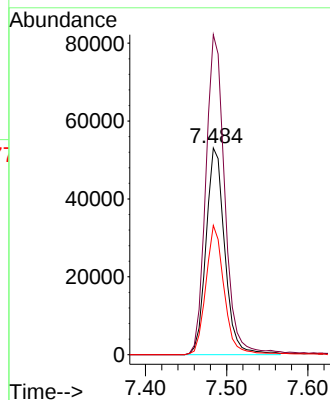
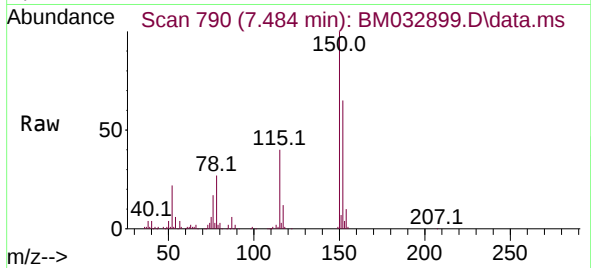




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.484 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

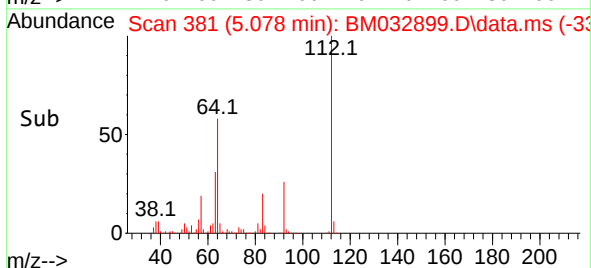
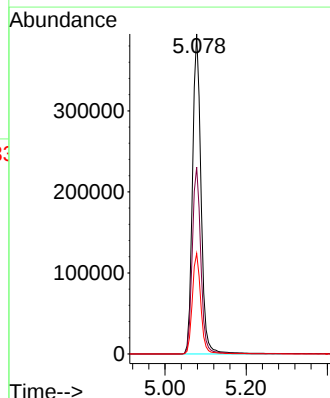
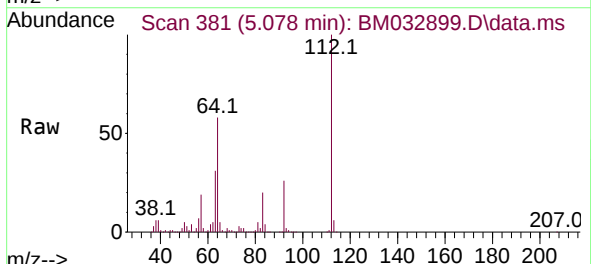
Instrument :  
BNA\_M  
ClientSampleId :  
DUP01

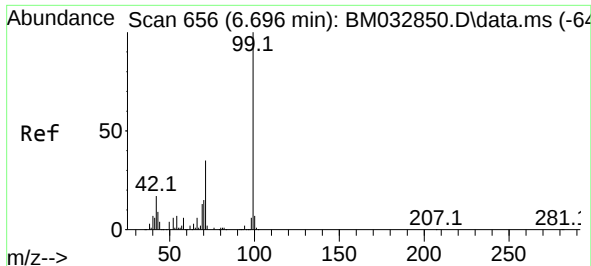
Tgt Ion:152 Resp: 85261  
Ion Ratio Lower Upper  
152 100  
150 154.8 122.4 183.6  
115 62.6 53.8 80.8



#5  
2-Fluorophenol  
Concen: 117.770 ng  
RT: 5.078 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

Tgt Ion:112 Resp: 575955  
Ion Ratio Lower Upper  
112 100  
64 58.4 53.7 80.5  
63 31.4 33.9 50.9#

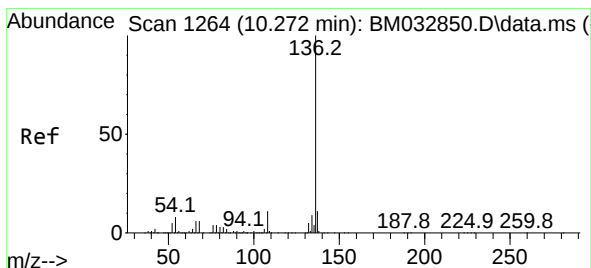
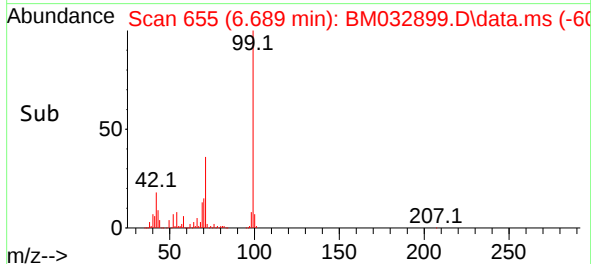
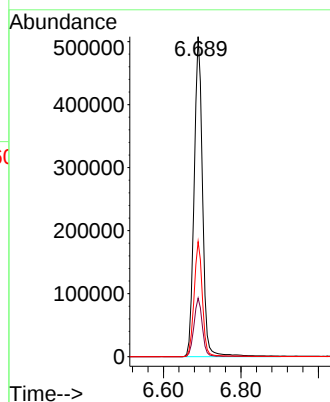
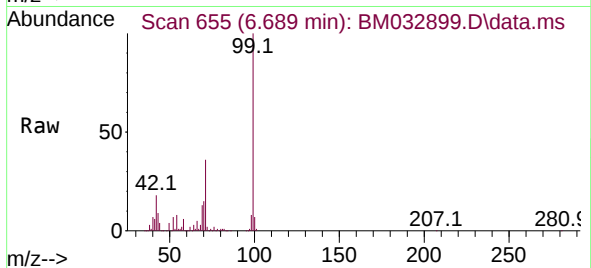




#7  
Phenol-d6  
Concen: 105.322 ng  
RT: 6.689 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

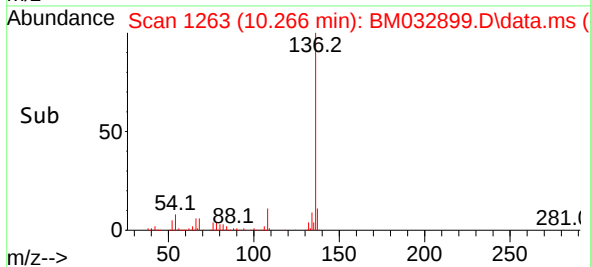
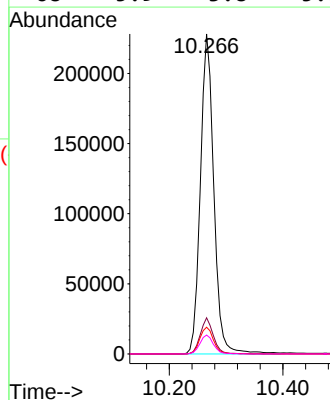
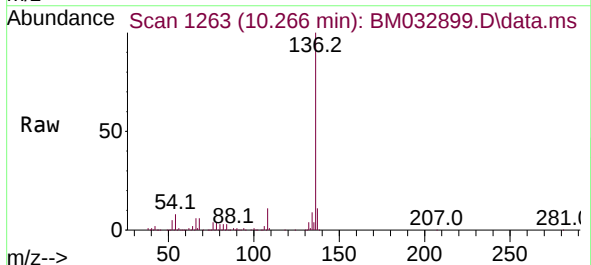
Instrument :  
BNA\_M  
ClientSampleId :  
DUP01

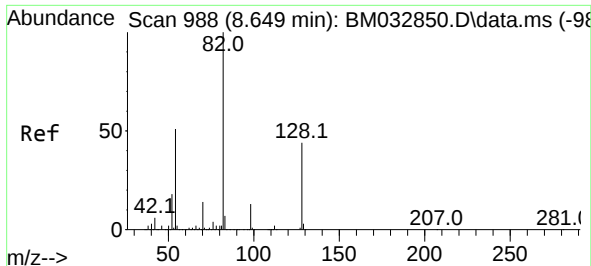
Tgt Ion: 99 Resp: 767054  
Ion Ratio Lower Upper  
99 100  
42 18.3 23.0 34.6#  
71 35.9 37.8 56.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.266 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

Tgt Ion: 136 Resp: 375289  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 8.4 7.4 11.0  
68 5.9 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 66.820 ng

RT: 8.636 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM032899.D

Acq: 08 Nov 2021 17:41

Instrument :

BNA\_M

ClientSampleId :

DUP01

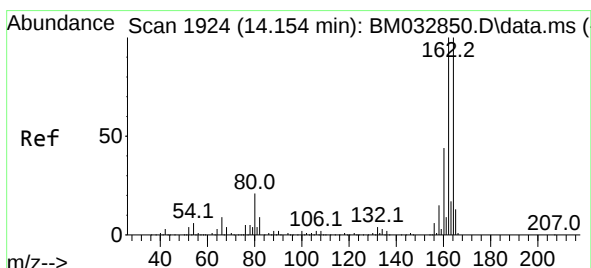
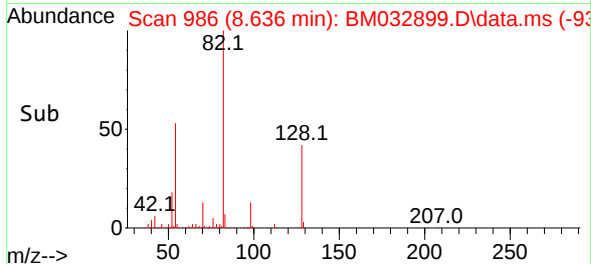
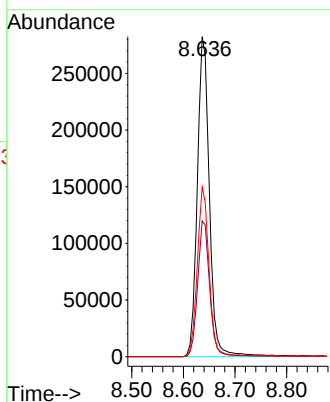
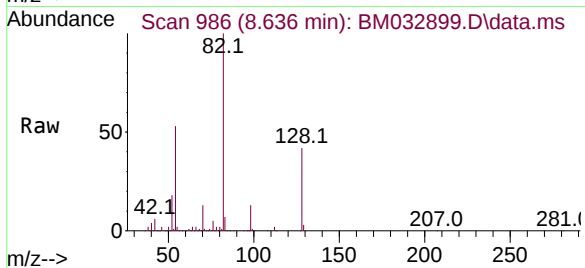
Tgt Ion: 82 Resp: 458169

Ion Ratio Lower Upper

82 100

128 42.4 29.0 43.6

54 53.1 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: BM032899.D

Acq: 08 Nov 2021 17:41

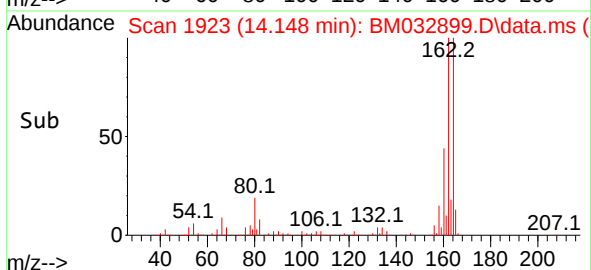
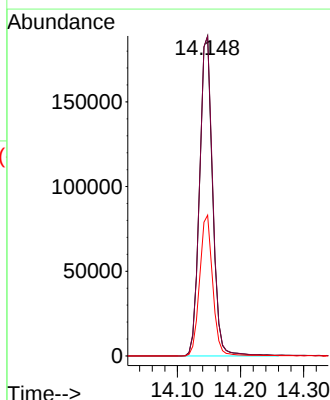
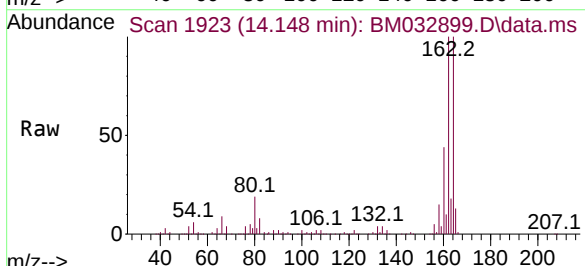
Tgt Ion: 164 Resp: 270915

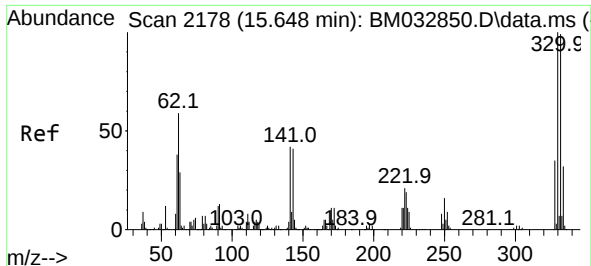
Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 44.0 35.1 52.7

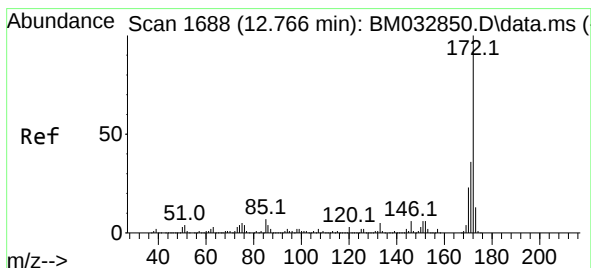
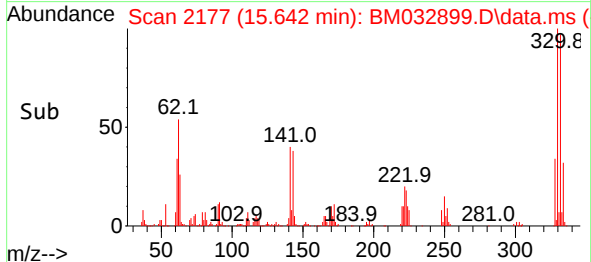
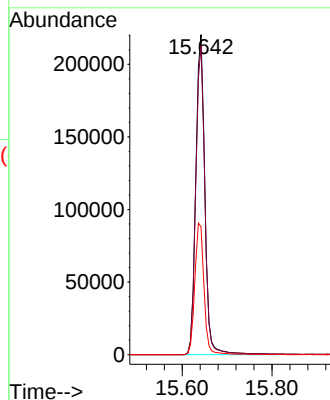
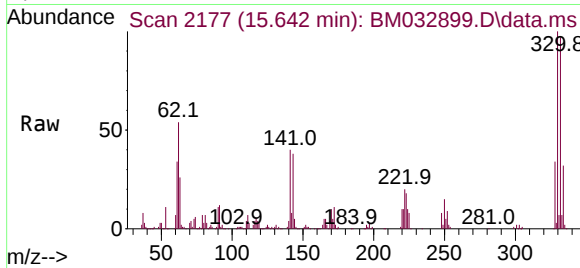




#42  
2,4,6-Tribromophenol  
Concen: 102.244 ng  
RT: 15.642 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

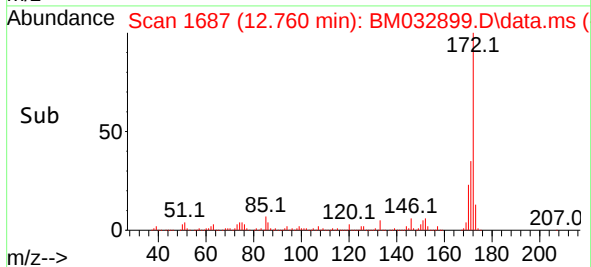
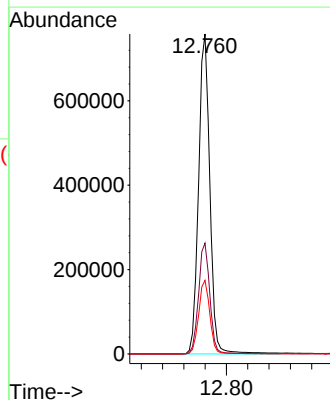
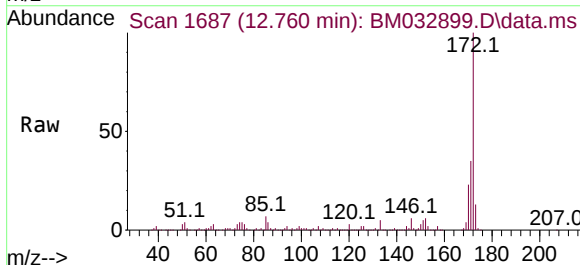
Instrument :  
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DUP01

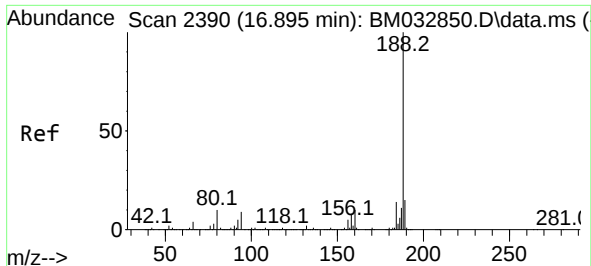
Tgt Ion:330 Resp: 310216  
Ion Ratio Lower Upper  
330 100  
332 97.3 75.7 113.5  
141 41.7 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 63.630 ng  
RT: 12.760 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

Tgt Ion:172 Resp: 1111444  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 23.0 18.6 27.8

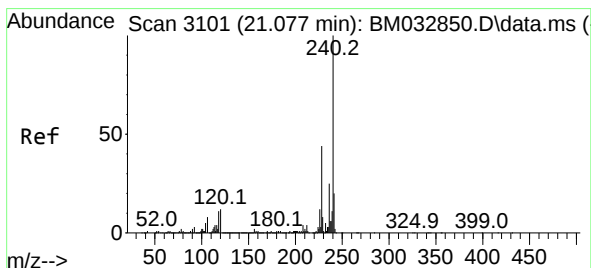
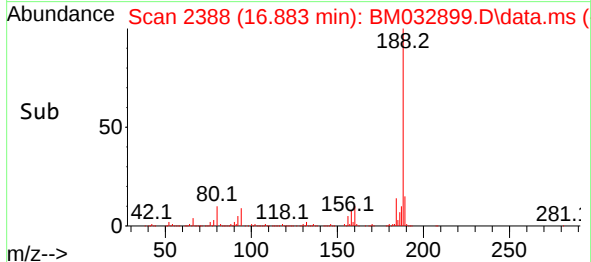
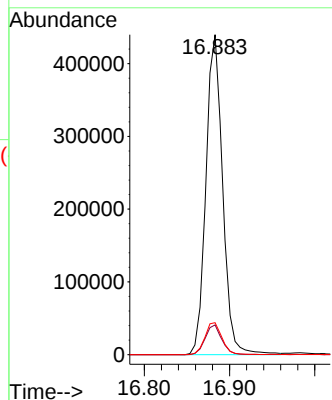
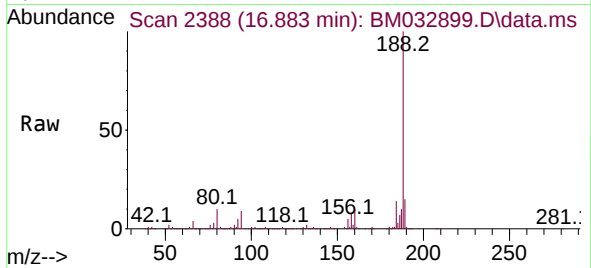




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.883 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

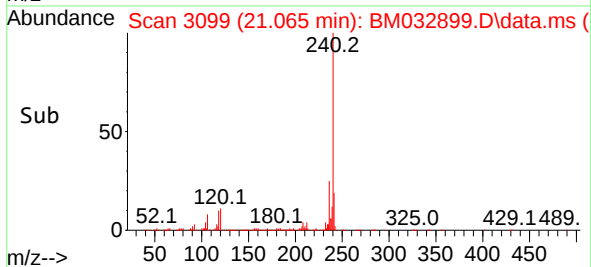
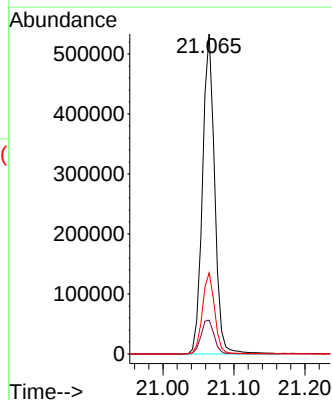
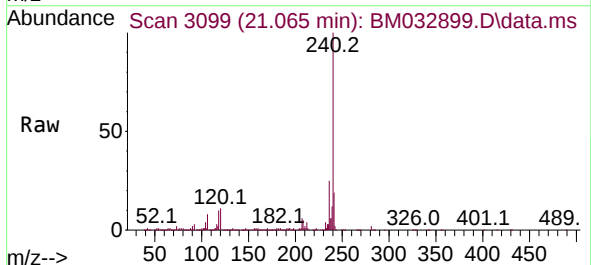
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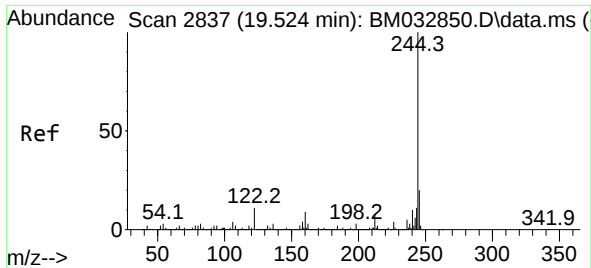
Tgt Ion:188 Resp: 600026  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.3 9.5  
80 10.0 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.065 min Scan# 3099  
Delta R.T. -0.012 min  
Lab File: BM032899.D  
Acq: 08 Nov 2021 17:41

Tgt Ion:240 Resp: 637911  
Ion Ratio Lower Upper  
240 100  
120 10.6 7.8 11.6  
236 25.4 20.9 31.3

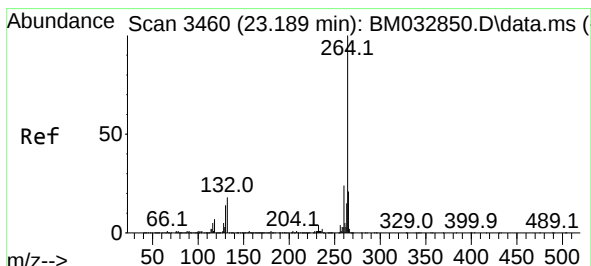
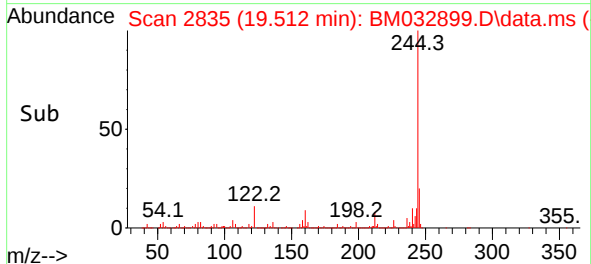
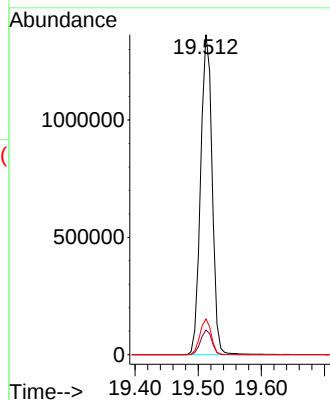
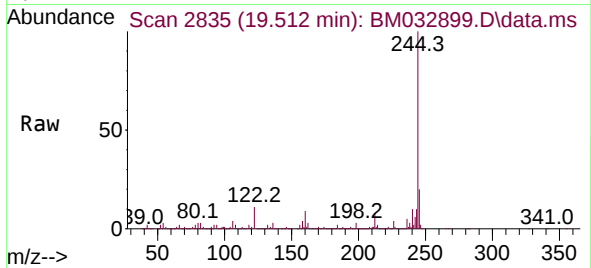




#79  
 Terphenyl-d14  
 Concen: 59.124 ng  
 RT: 19.512 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM032899.D  
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Instrument :  
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Tgt Ion:244 Resp: 1727507  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 11.2 8.7 13.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.171 min Scan# 3457  
 Delta R.T. -0.018 min  
 Lab File: BM032899.D  
 Acq: 08 Nov 2021 17:41

Tgt Ion:264 Resp: 656589  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.3 28.9  
 265 22.3 18.3 27.5

