

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061322\  
 Data File : BM035462.D  
 Acq On : 13 Jun 2022 18:02  
 Operator : CG/JU  
 Sample : N3324-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BT-SPOILS-07

Quant Time: Jun 14 04:30:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 10 16:05:33 2022  
 Response via : Initial Calibration

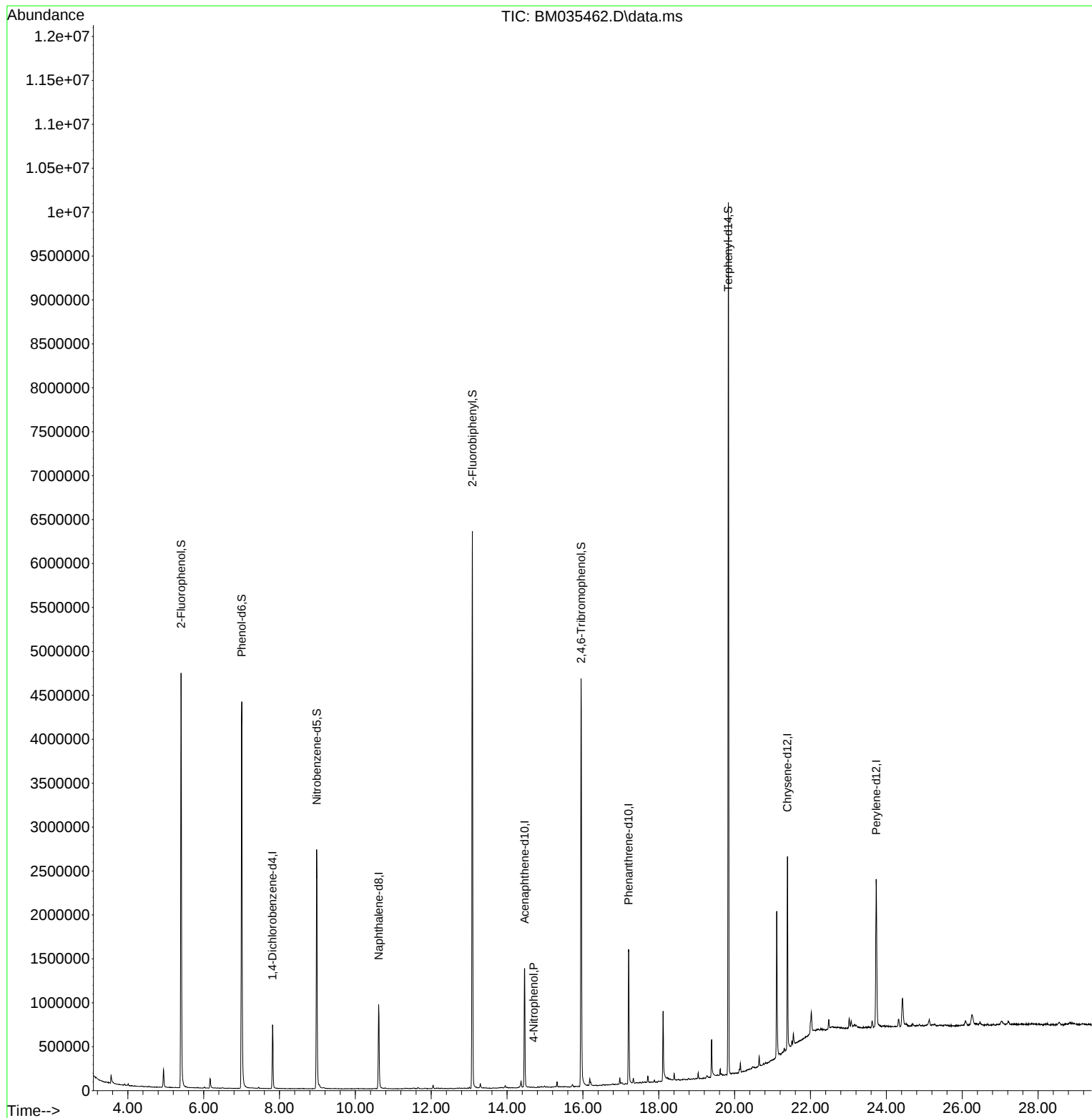
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.816  | 152  | 204851   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.616 | 136  | 842374   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 466877   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 921528   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.392 | 240  | 999950   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.733 | 264  | 1160686  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 1999411  | 165.514 | ng    | 0.00     |
| 7) Phenol-d6                | 7.004  | 99   | 2589891  | 154.712 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 1571442  | 101.377 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330  | 770040   | 154.917 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.086 | 172  | 3212869  | 98.312  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.833 | 244  | 4413793  | 84.279  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 56) 4-Nitrophenol           | 14.704 | 139  | 82       | 5.655   | ng    | # 31     |
| -----                       |        |      |          |         |       |          |

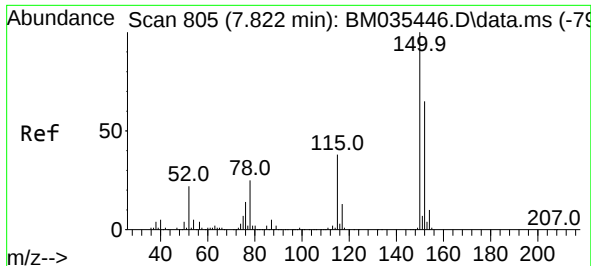
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 04:30:40 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 10 16:05:33 2022  
Response via : Initial Calibration

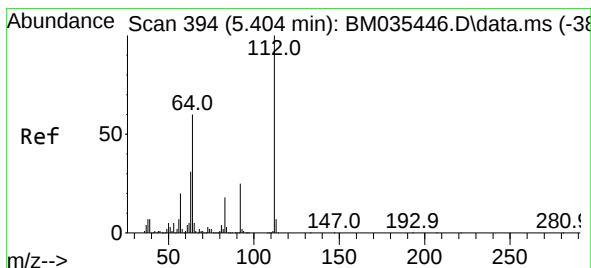
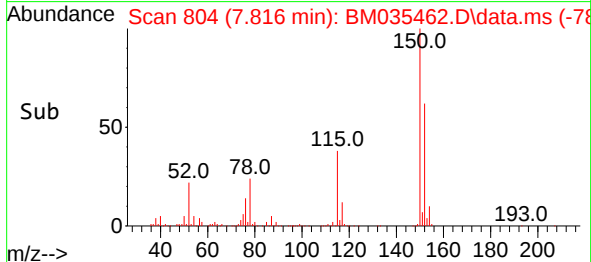
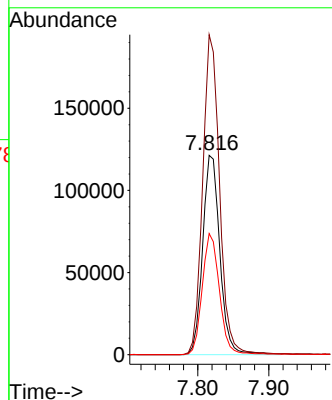
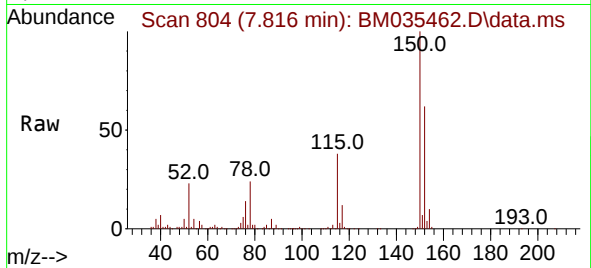




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.816 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

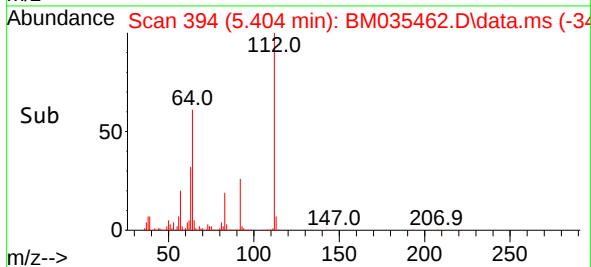
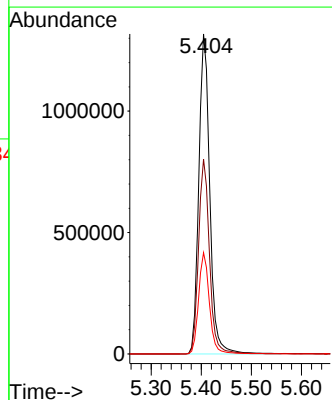
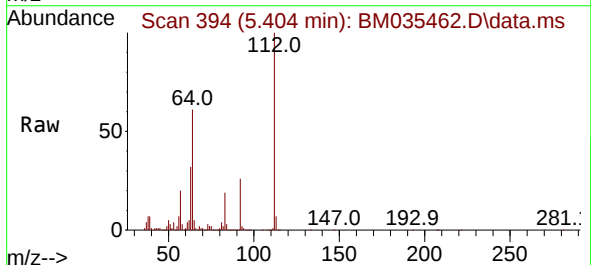
Instrument :  
BNA\_M  
ClientSampleId :  
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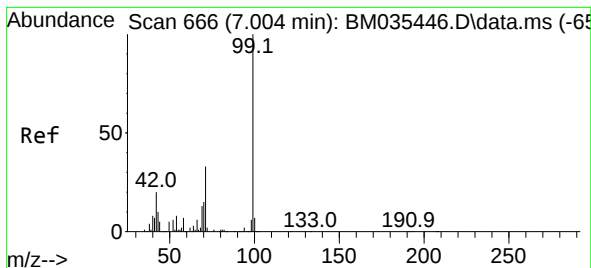
Tgt Ion:152 Resp: 204851  
Ion Ratio Lower Upper  
152 100  
150 160.5 124.9 187.3  
115 60.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 165.514 ng  
RT: 5.404 min Scan# 394  
Delta R.T. 0.000 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Tgt Ion:112 Resp: 1999411  
Ion Ratio Lower Upper  
112 100  
64 60.9 47.8 71.6  
63 31.7 26.6 40.0





#7

Phenol-d6

Concen: 154.712 ng

RT: 7.004 min Scan# 666

Delta R.T. 0.000 min

Lab File: BM035462.D

Acq: 13 Jun 2022 18:02

Instrument :

BNA\_M

ClientSampleId :

BT-SPOILS-07

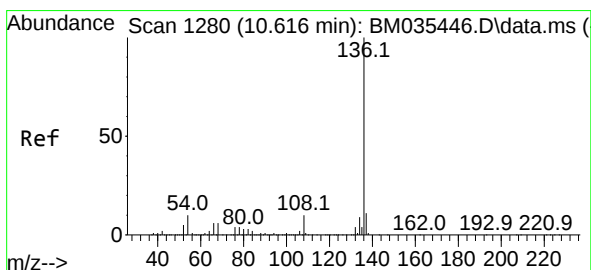
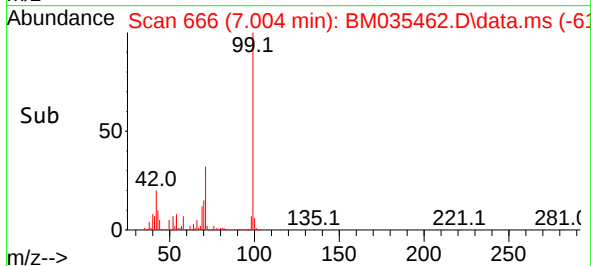
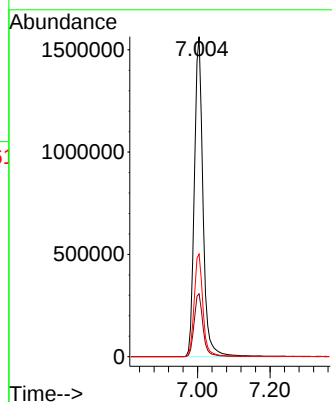
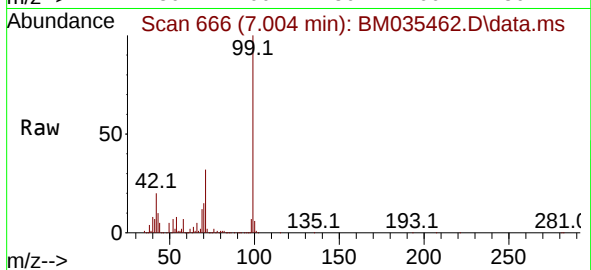
Tgt Ion: 99 Resp: 2589891

Ion Ratio Lower Upper

99 100

42 19.7 18.8 28.2

71 32.0 30.2 45.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BM035462.D

Acq: 13 Jun 2022 18:02

Tgt Ion:136 Resp: 842374

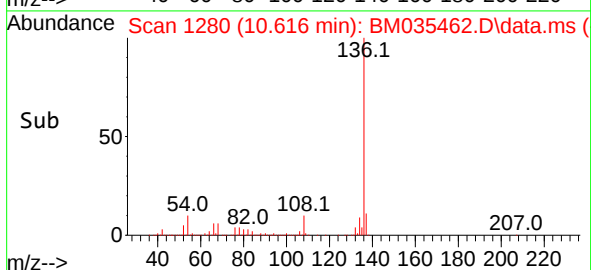
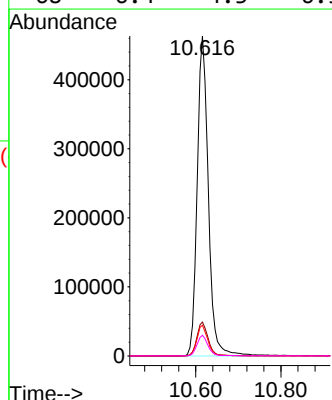
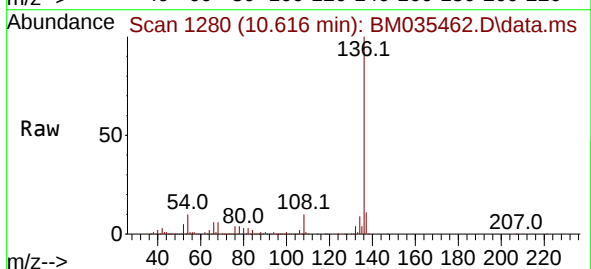
Ion Ratio Lower Upper

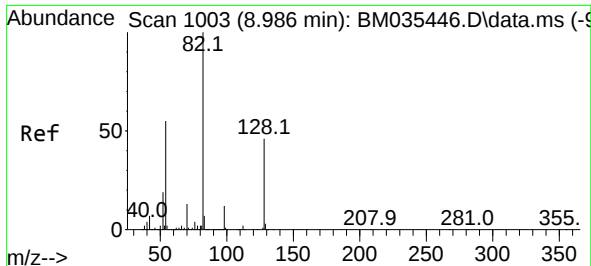
136 100

137 10.6 8.9 13.3

54 9.6 7.0 10.4

68 6.4 4.3 6.5

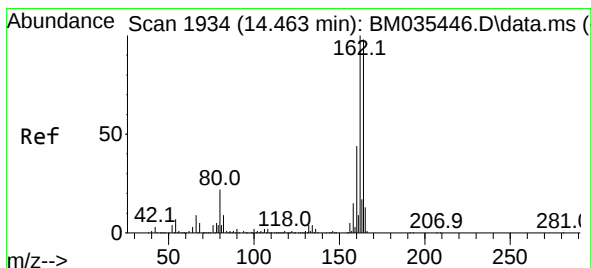
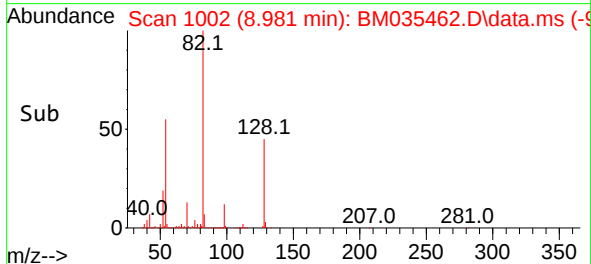
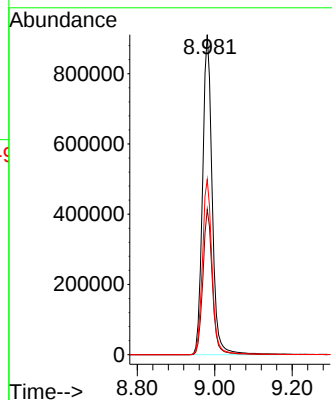
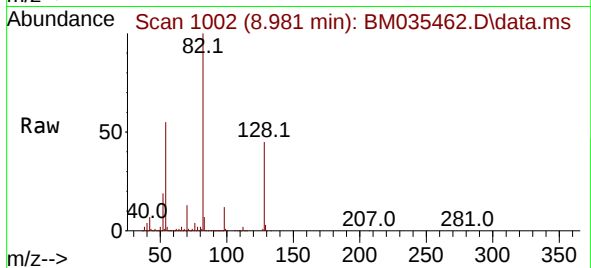




#23  
Nitrobenzene-d5  
Concen: 101.377 ng  
RT: 8.981 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

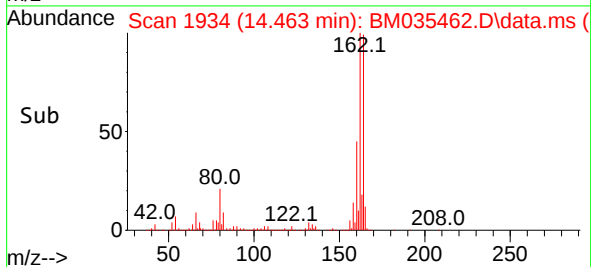
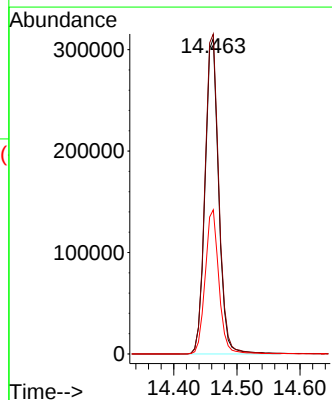
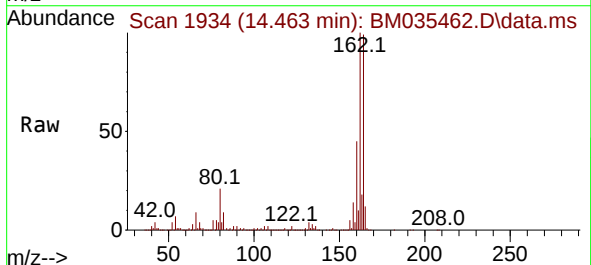
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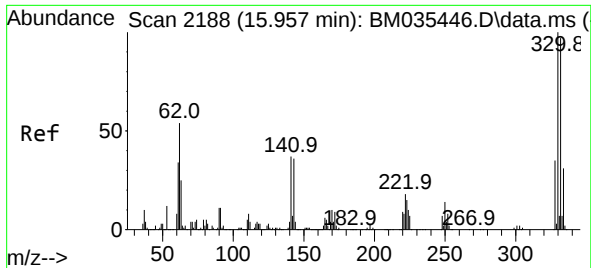
Tgt Ion: 82 Resp: 1571442  
Ion Ratio Lower Upper  
82 100  
128 45.4 33.7 50.5  
54 54.8 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Tgt Ion: 164 Resp: 466877  
Ion Ratio Lower Upper  
164 100  
162 101.4 83.0 124.6  
160 45.7 37.0 55.4

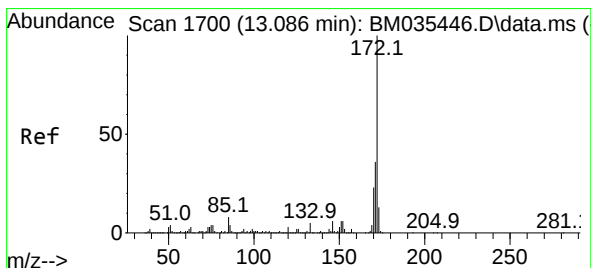
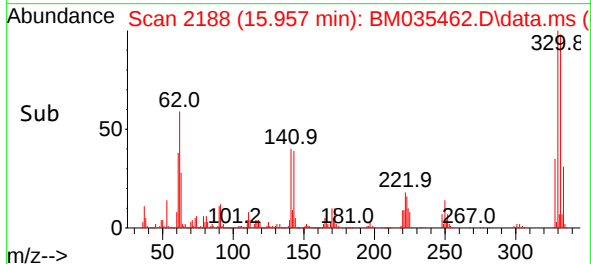
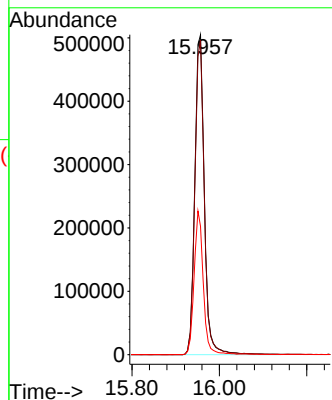
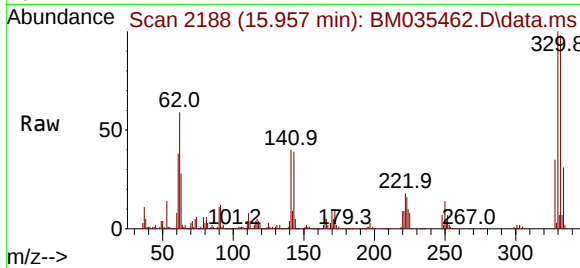




#42  
2,4,6-Tribromophenol  
Concen: 154.917 ng  
RT: 15.957 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

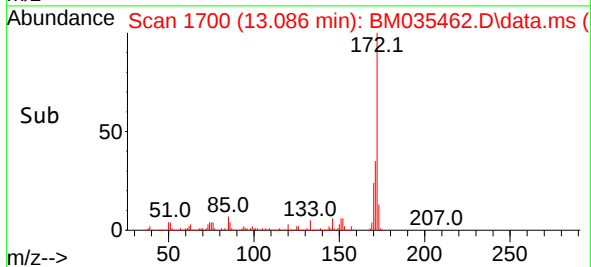
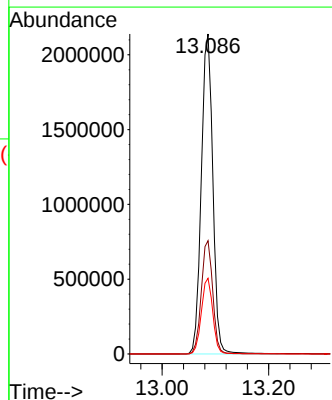
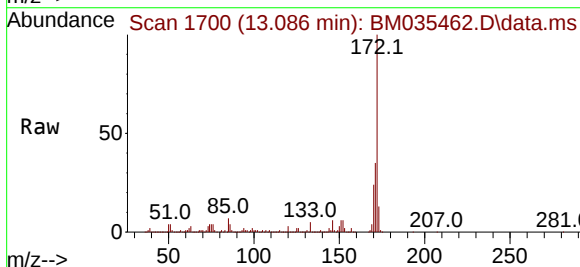
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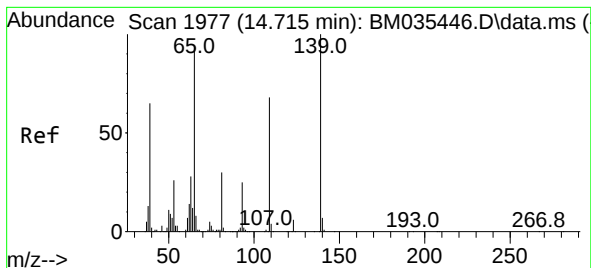
Tgt Ion:330 Resp: 770040  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 43.0 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 98.312 ng  
RT: 13.086 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Tgt Ion:172 Resp: 3212869  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.6 18.7 28.1

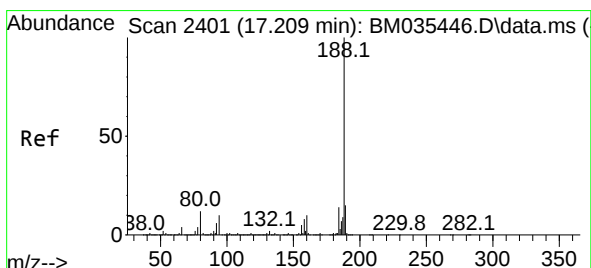
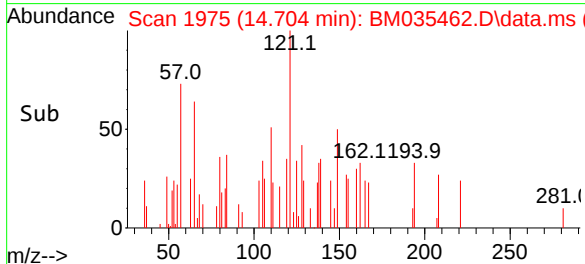
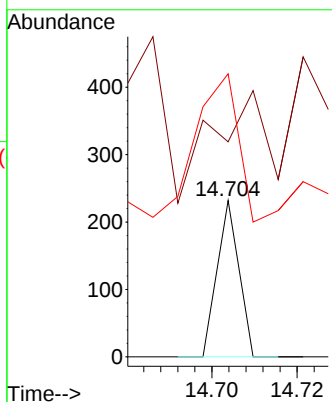
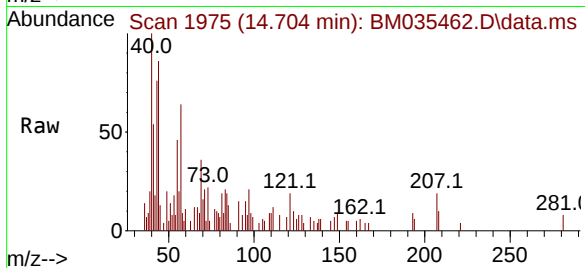




#56  
4-Nitrophenol  
Concen: 5.655 ng  
RT: 14.704 min Scan# 1975  
Delta R.T. -0.011 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

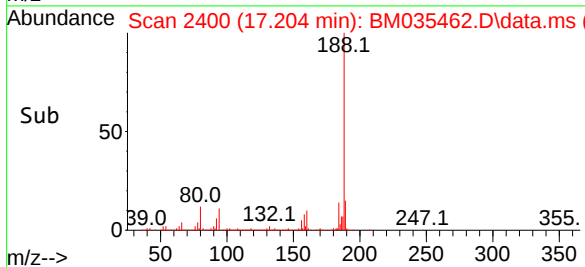
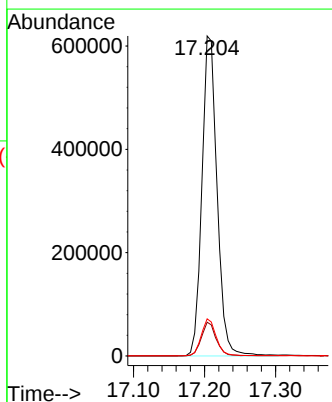
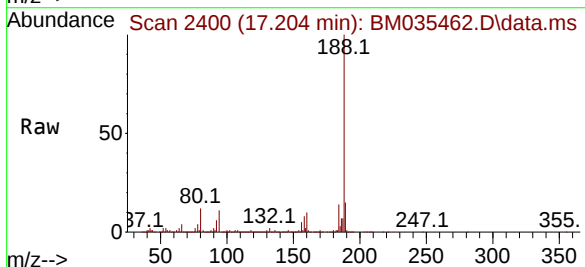
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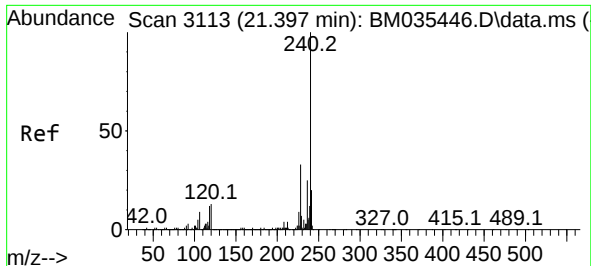
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Ion Ratio Lower Upper  
139 100  
109 137.5 62.5 102.5#  
65 181.0 83.5 123.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Tgt Ion:188 Resp: 921528  
Ion Ratio Lower Upper  
188 100  
94 10.6 7.0 10.4#  
80 11.6 7.6 11.4#

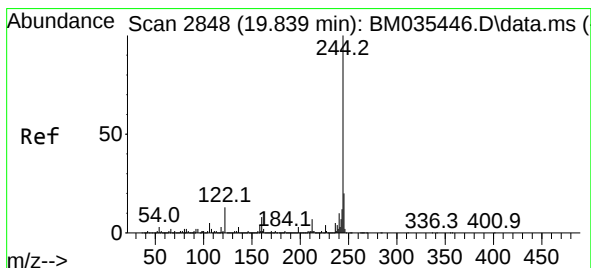
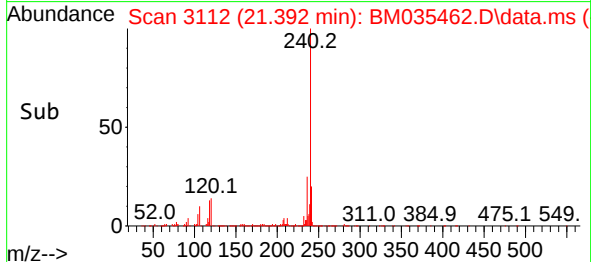
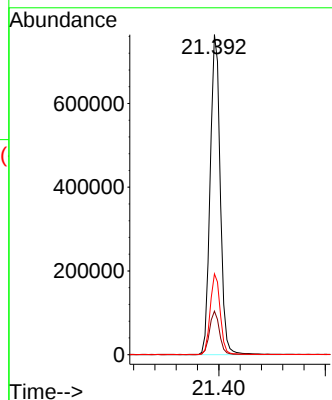
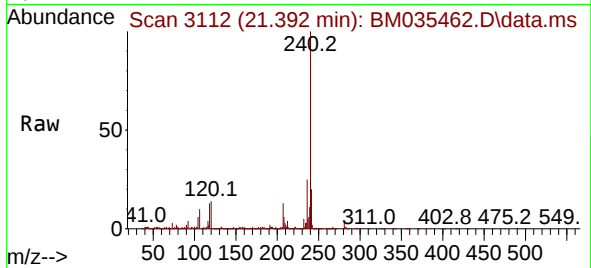




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

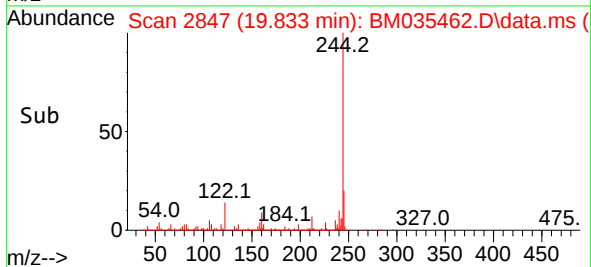
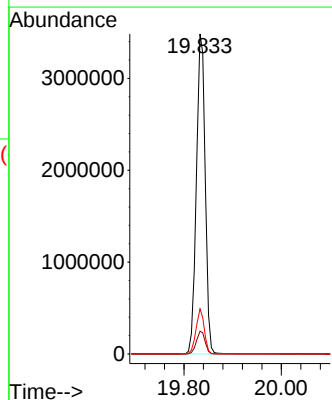
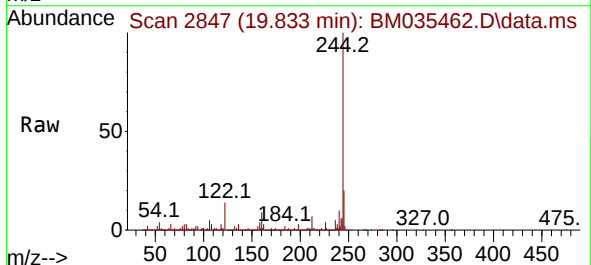
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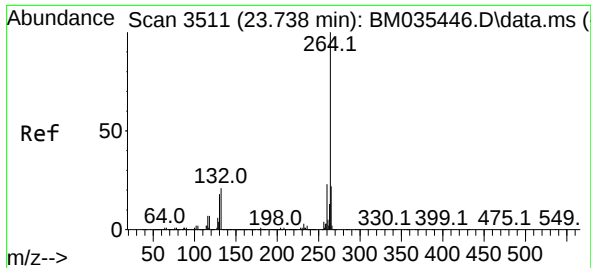
Tgt Ion:240 Resp: 999950  
Ion Ratio Lower Upper  
240 100  
120 13.6 9.4 14.0  
236 25.2 20.6 30.8



#79  
Terphenyl-d14  
Concen: 84.279 ng  
RT: 19.833 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Tgt Ion:244 Resp: 4413793  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.2 9.4  
122 14.1 8.3 12.5#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.733 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM035462.D  
Acq: 13 Jun 2022 18:02

Instrument :  
BNA\_M  
ClientSampleId :  
BT-SPOILS-07

Tgt Ion:264 Resp: 1160686  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.9  | 28.3  |
| 265 | 21.7  | 17.5  | 26.3  |

