

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090823\  
 Data File : BP017071.D  
 Acq On : 10 Sep 2023 02:41  
 Operator : MA/JU  
 Sample : 04227-05  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH9X5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/11/2023

Quant Time: Sep 10 03:45:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 09 01:41:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 408837   | 20.000  | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.804 | 136  | 1728257  | 20.000  | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.628 | 164  | 978096   | 20.000  | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 1858067  | 20.000  | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.492 | 240  | 1193981  | 20.000  | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.021 | 264  | 1180672  | 20.000  | ng/u1 | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 3) 1,4-Dioxane-d8             | 3.328  | 96   | 67589    | 6.253   | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.764  | 84   | 512941   | 16.609  | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.122  | 99   | 16541m   | 0.443   | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.310  | 67   | 1182845  | 50.628  | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.487  | 132  | 172098m  | 6.366   | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 9.028  | 113  | 1090993m | 38.340  | ng/u1 | 0.34     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 752646   | 56.134  | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.893  | 143  | 750793   | 51.656  | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.428 | 165  | 1405618  | 52.383  | ng/u1 | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 1018895  | 26.319  | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 4271455  | 58.668  | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.328 | 160  | 4680481  | 55.704  | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.857 | 143  | 133814   | 9.409   | ng/u1 | 0.01     |
| 60) Fluorene-d10              | 15.622 | 176  | 3519746  | 56.464  | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200  | 532462   | 47.619  | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.498 | 188  | 5120136  | 60.004  | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.733 | 212  | 5019517  | 69.020  | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.857 | 264  | 3745709  | 62.535  | ng/u1 | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       |          |
| 2) 1,4-Dioxane                | 3.364  | 88   | 179637   | 15.393  | ng/uL | 97       |
| 30) Naphthalene               | 10.857 | 128  | 15091803 | 160.032 | ng/u1 | 97       |
| 34) Caprolactam               | 11.822 | 113  | 41859    | 4.622   | ng/u1 | 80       |
| 36) 2-Methylnaphthalene       | 12.451 | 142  | 1214204  | 19.483  | ng/u1 | 99       |
| 37) 1-Methylnaphthalene       | 12.675 | 142  | 5789623  | 92.274  | ng/u1 | 99       |
| 43) 1,1'-Biphenyl             | 13.457 | 154  | 193538   | 2.500   | ng/u1 | 98       |
| -----                         |        |      |          |         |       |          |

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

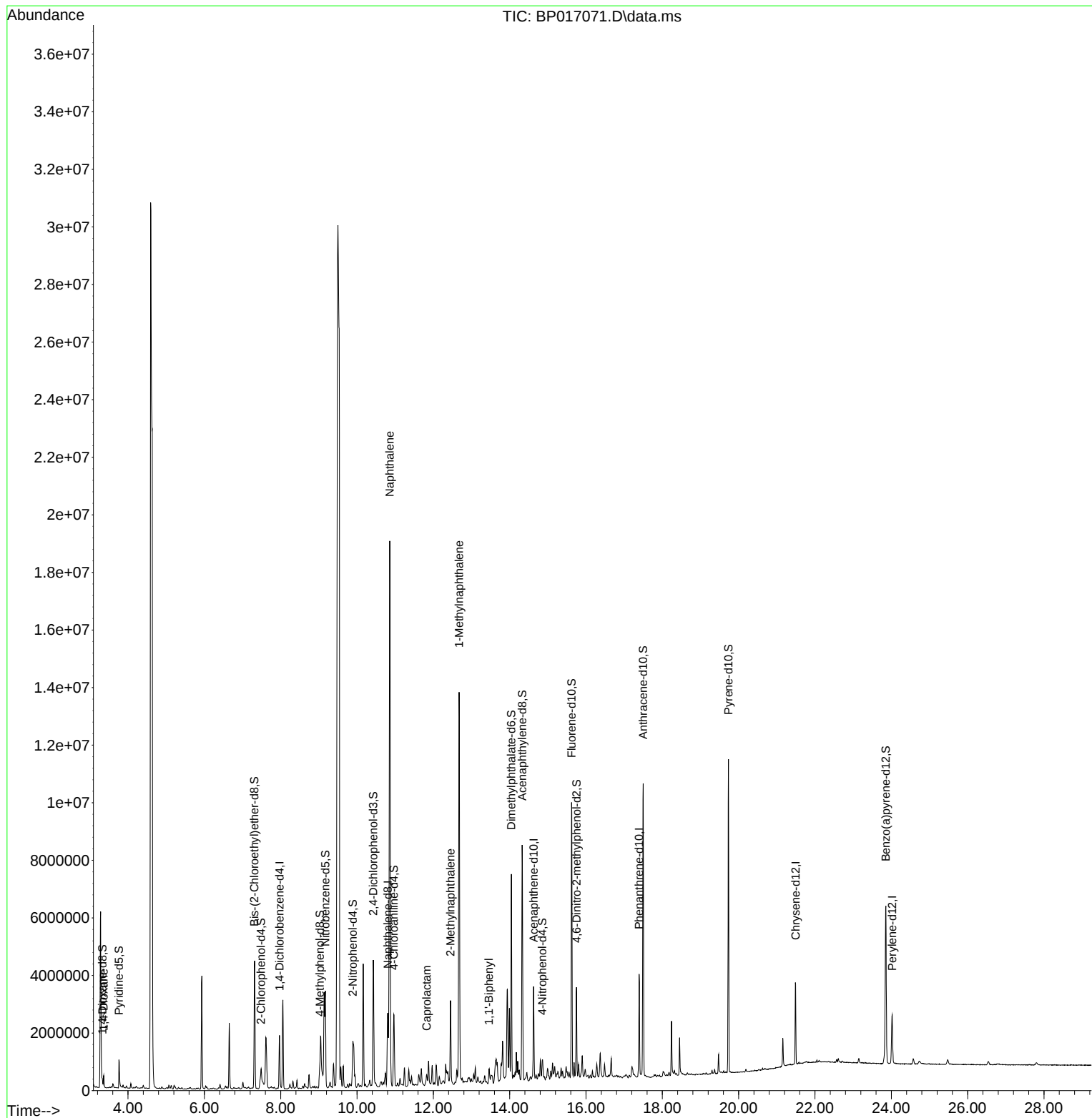
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090823\  
Data File : BP017071.D  
Acq On : 10 Sep 2023 02:41  
Operator : MA/JU  
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ALS Vial : 83 Sample Multiplier: 1

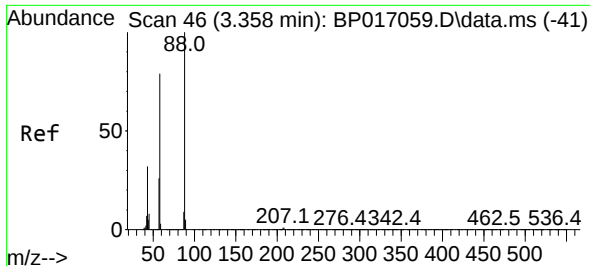
Instrument :  
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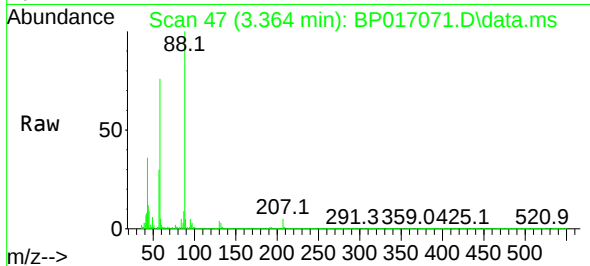
Quant Time: Sep 10 03:45:52 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 09 01:41:21 2023  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 15.393 ng/uL  
RT: 3.364 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BP017071.D  
Acq: 10 Sep 2023 02:41

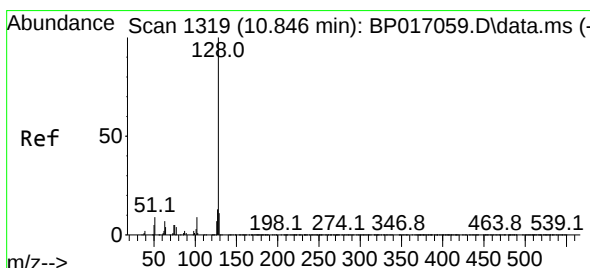
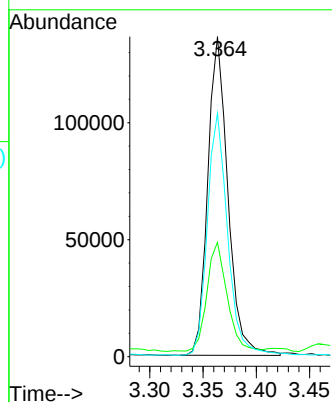
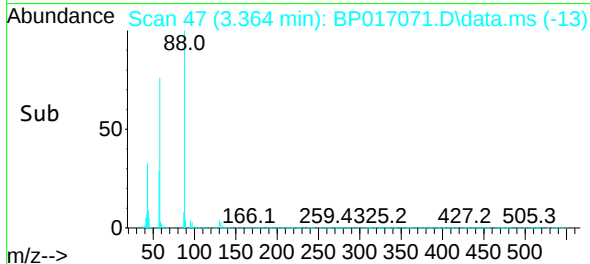
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X5



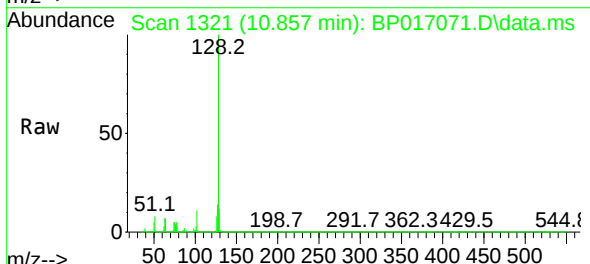
Tgt Ion: 88 Resp: 17963  
Ion Ratio Lower Upper  
88 100  
43 35.8 25.0 37.6  
58 76.1 60.6 90.8

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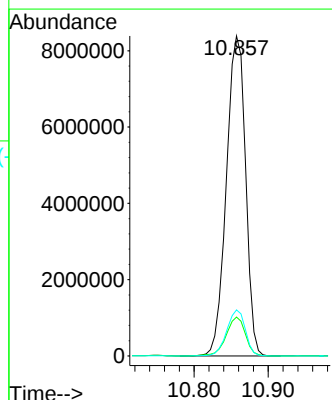
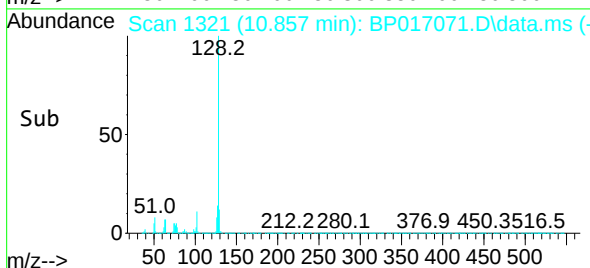
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

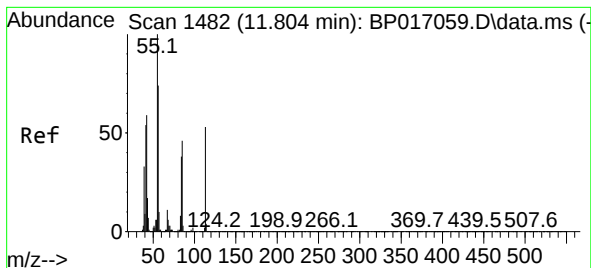


#30  
Naphthalene  
Concen: 160.032 ng/uL  
RT: 10.857 min Scan# 1321  
Delta R.T. 0.006 min  
Lab File: BP017071.D  
Acq: 10 Sep 2023 02:41



Tgt Ion:128 Resp:15091803  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.8 13.2  
127 14.4 10.3 15.5





#34

Caprolactam

Concen: 4.622 ng/ul

RT: 11.822 min Scan# 1485

Delta R.T. 0.006 min

Lab File: BP017071.D

Acq: 10 Sep 2023 02:41

Instrument :

BNA\_P

ClientSampleId :

BH9X5

Tgt Ion:113 Resp: 41859

Ion Ratio Lower Upper

113 100

55 211.9 142.3 213.5

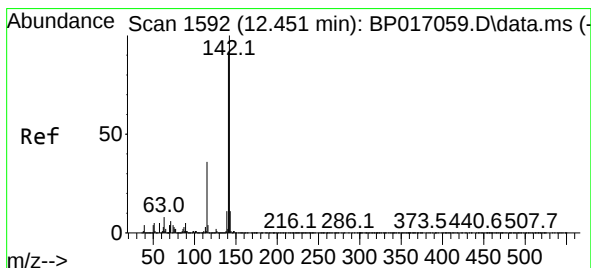
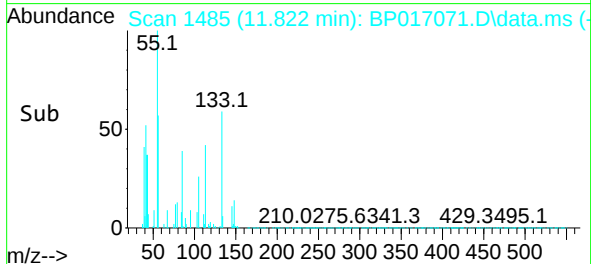
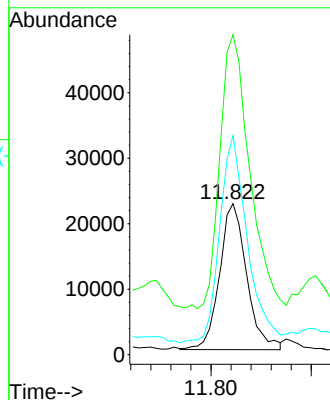
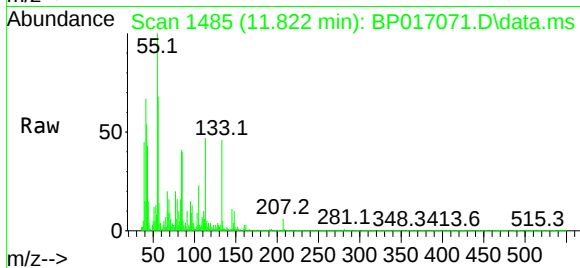
56 145.1 102.2 153.2

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#36

2-Methylnaphthalene

Concen: 19.483 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BP017071.D

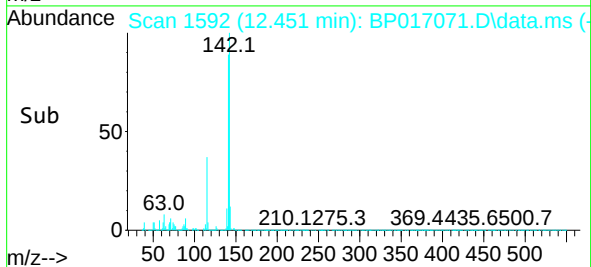
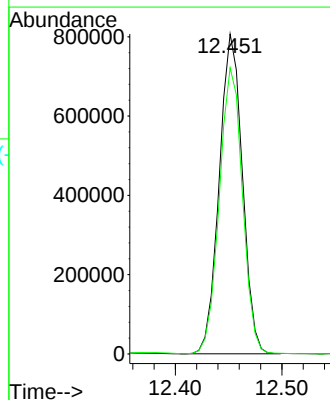
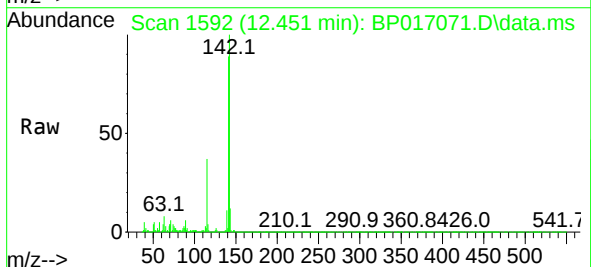
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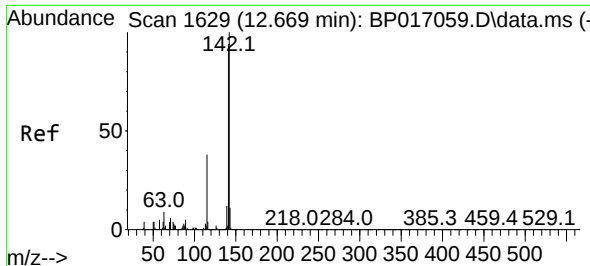
Tgt Ion:142 Resp: 1214204

Ion Ratio Lower Upper

142 100

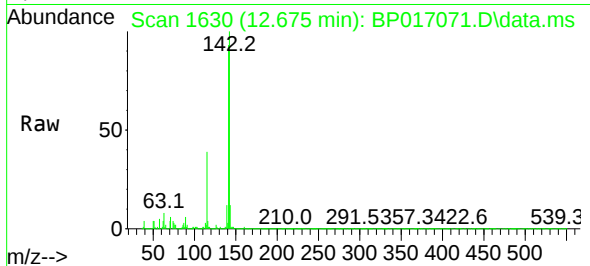
141 89.5 71.1 106.7





#37  
1-Methylnaphthalene  
Concen: 92.274 ng/ul  
RT: 12.675 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BP017071.D  
Acq: 10 Sep 2023 02:41

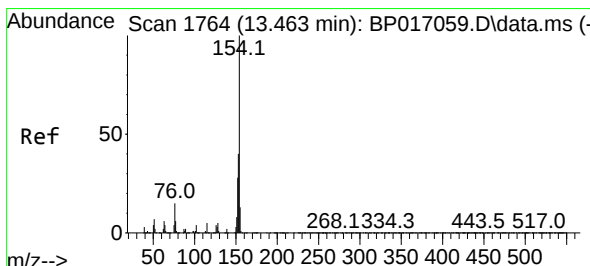
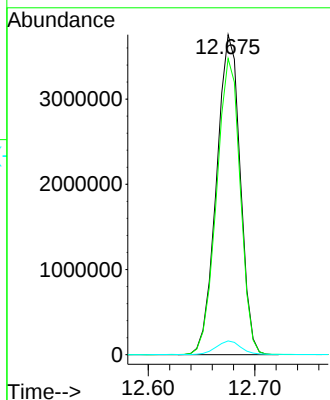
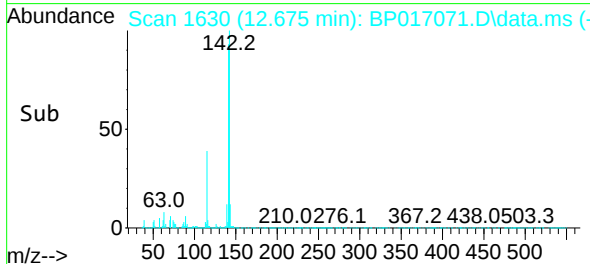
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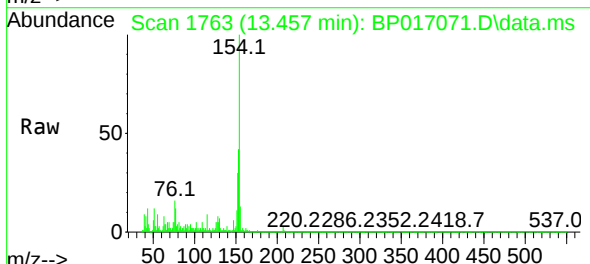
Tgt Ion:142 Resp: 578962  
Ion Ratio Lower Upper  
142 100  
141 92.5 74.5 111.7  
116 4.3 3.1 4.7

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#43  
1,1'-Biphenyl  
Concen: 2.500 ng/ul  
RT: 13.457 min Scan# 1763  
Delta R.T. -0.006 min  
Lab File: BP017071.D  
Acq: 10 Sep 2023 02:41



Tgt Ion:154 Resp: 193538  
Ion Ratio Lower Upper  
154 100  
153 41.9 32.7 49.1  
76 16.3 11.5 17.3

