

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062421\  
 Data File : BN015034.D  
 Acq On : 24 Jun 2021 07:58  
 Operator : CG/JU  
 Sample : M2784-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE137-20210618

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 6/24/2021 9:53:43 AM

Quant Time: Jun 24 08:38:05 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN061621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 23 16:24:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.741  | 152  | 22205    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.505 | 136  | 99764    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.358 | 164  | 52720    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.104 | 188  | 102217   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.292 | 240  | 87932    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.543 | 264  | 74483    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.380  | 112  | 11996    | 0.175 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.920  | 99   | 8526     | 0.098 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 28579    | 0.379 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.097 | 152  | 60097    | 0.351 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 7494     | 0.303 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.975 | 172  | 88408    | 0.441 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.133 | 212  | 116620   | 0.362 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.739 | 244  | 103462   | 0.475 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.361  | 88   | 64054m   | 6.878 | ng    | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.178  | 93   | 3738     | 0.055 | ng    | # 84     |
| 34) Bis(2-ethylhexyl)phtha... | 21.228 | 149  | 59383    | 0.257 | ng    | # 87     |
| -----                         |        |      |          |       |       |          |

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

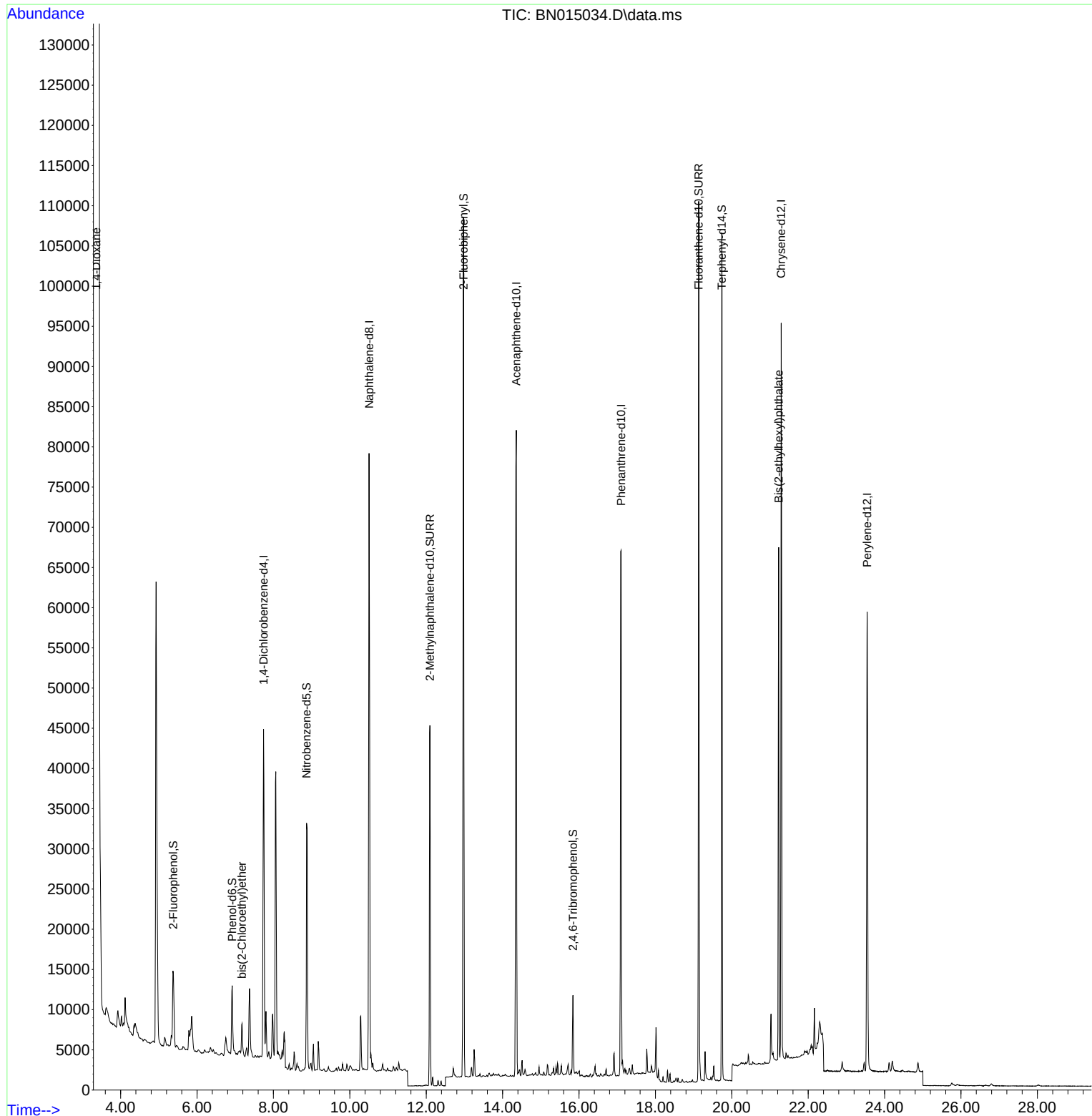
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062421\  
Data File : BN015034.D  
Acq On : 24 Jun 2021 07:58  
Operator : CG/JU  
Sample : M2784-02  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

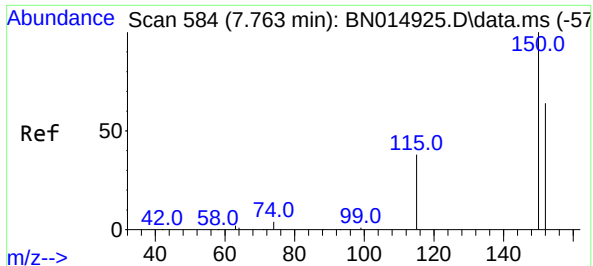
Instrument :  
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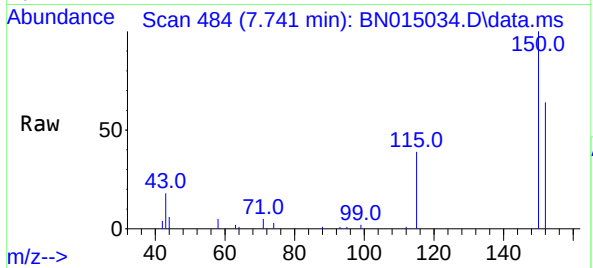
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Quant Time: Jun 24 08:38:05 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN061621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 23 16:24:59 2021  
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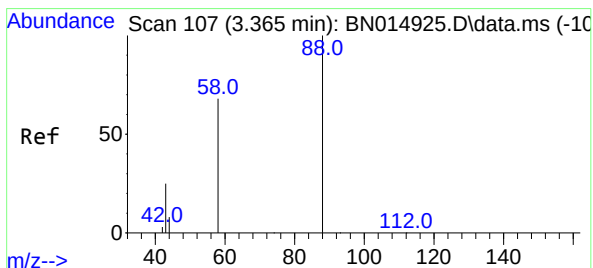
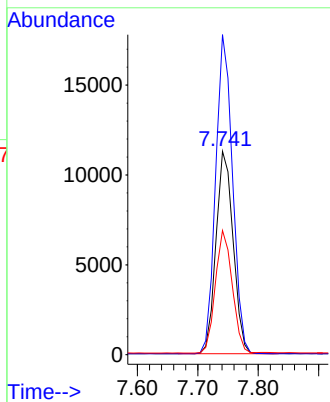
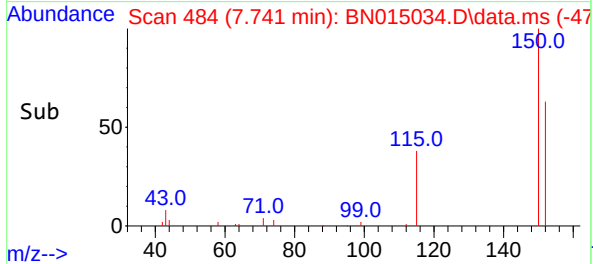




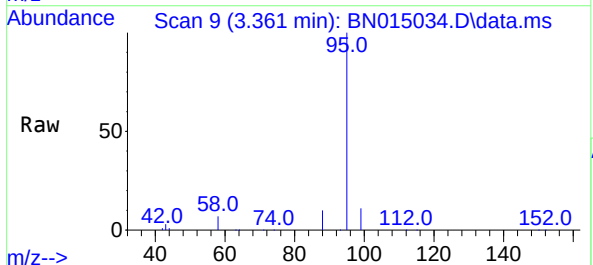
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.741 min Scan# 484  
Delta R.T. -0.009 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58



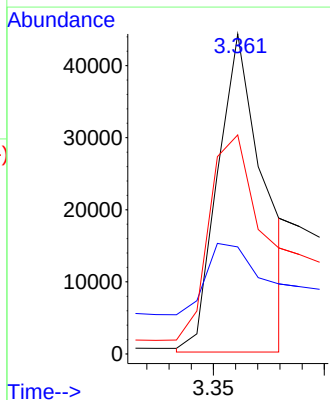
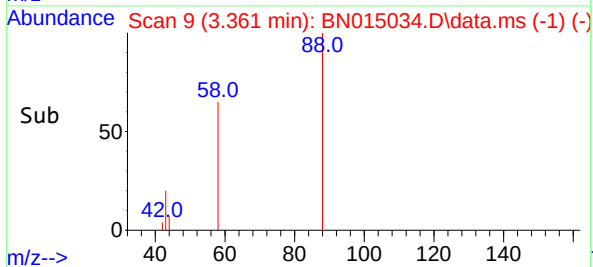
Tgt Ion: 152 Resp: 22205  
Ion Ratio Lower Upper  
152 100  
150 157.3 119.0 178.6  
115 61.0 62.2 93.4#



#2  
1,4-Dioxane  
Concen: 6.878 ng m  
RT: 3.361 min Scan# 9  
Delta R.T. 0.009 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58



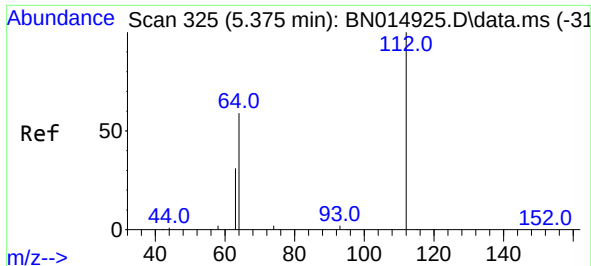
Tgt Ion: 88 Resp: 64054  
Ion Ratio Lower Upper  
88 100  
43 47.2 12.9 19.3#  
58 139.9 38.1 57.1#



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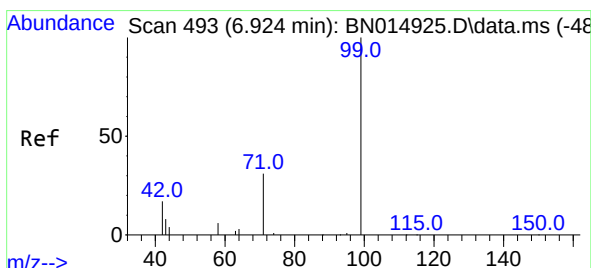
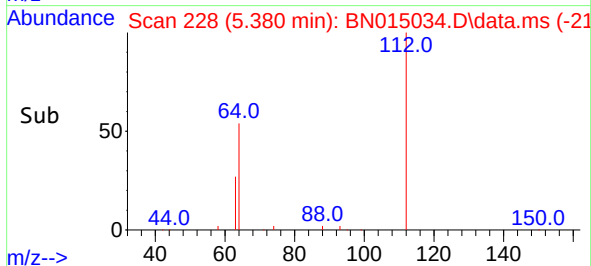
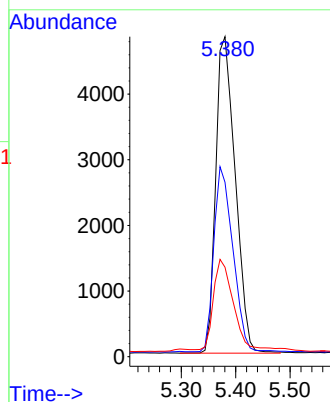
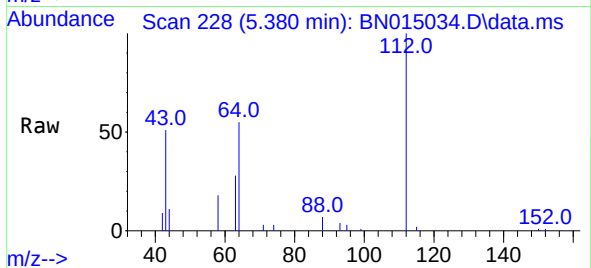
#4  
2-Fluorophenol  
Concen: 0.175 ng  
RT: 5.380 min Scan# 228  
Delta R.T. 0.009 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 11996 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 57.3  | 39.0  | 58.6  |
| 63       | 28.4  | 20.6  | 30.8  |

Instrument :  
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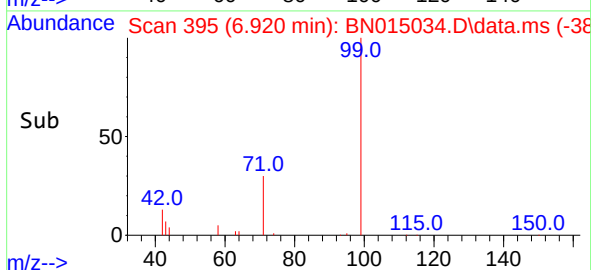
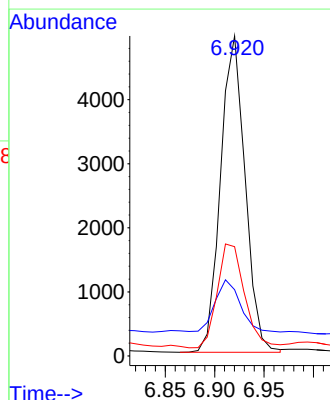
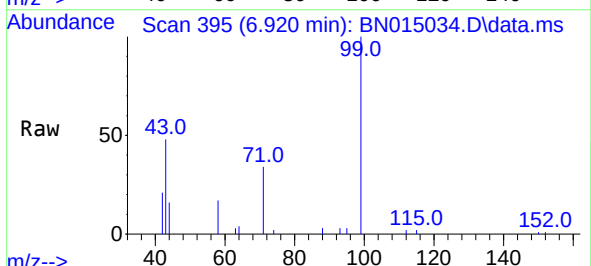
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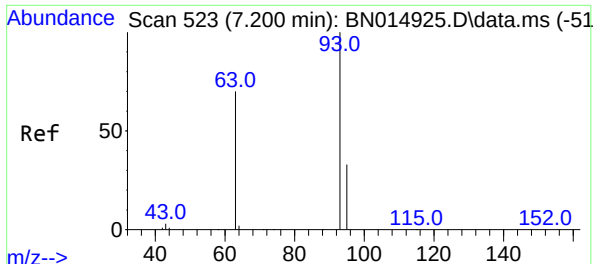
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#5  
Phenol-d6  
Concen: 0.098 ng  
RT: 6.920 min Scan# 395  
Delta R.T. 0.009 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 8526  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 16.8  | 8.9   | 13.3# |
| 71       | 36.4  | 35.6  | 53.4  |





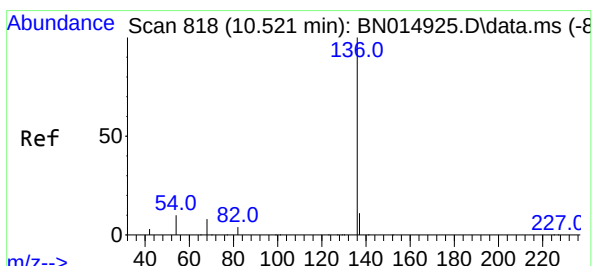
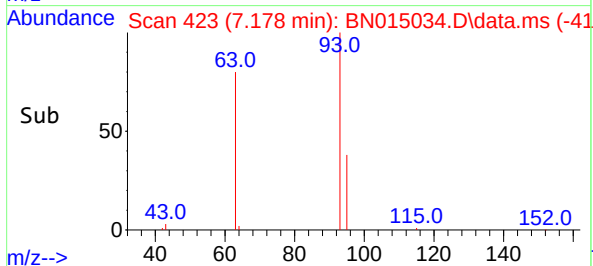
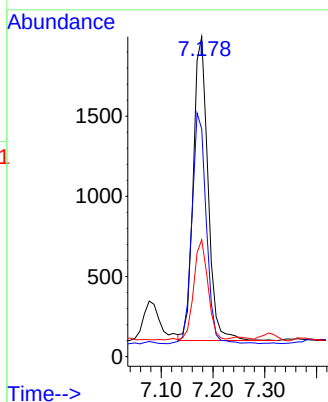
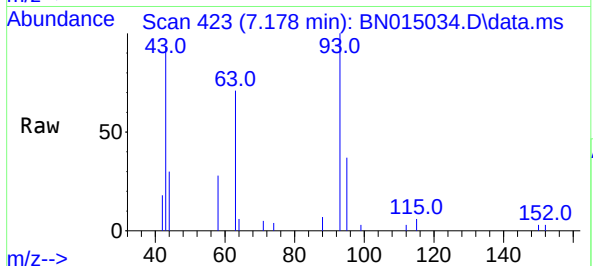
#6  
bis(2-Chloroethyl)ether  
Concen: 0.055 ng  
RT: 7.178 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
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Tgt Ion: 93 Resp: 3738  
Ion Ratio Lower Upper  
93 100  
63 74.7 46.6 70.0#  
95 31.9 28.6 42.8

Instrument :  
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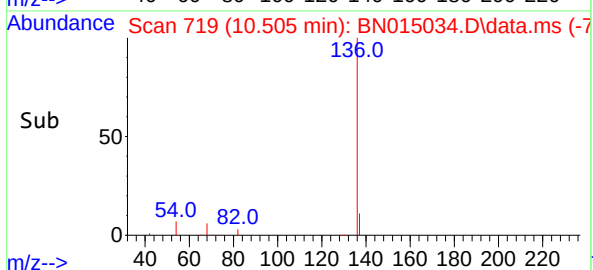
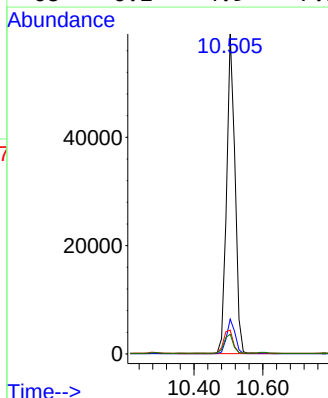
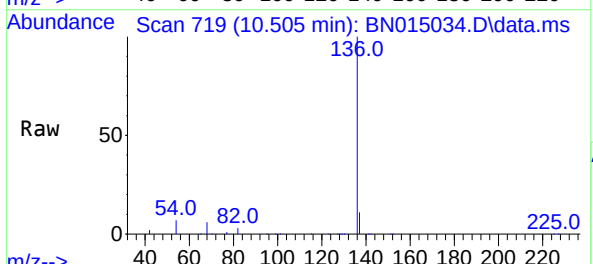
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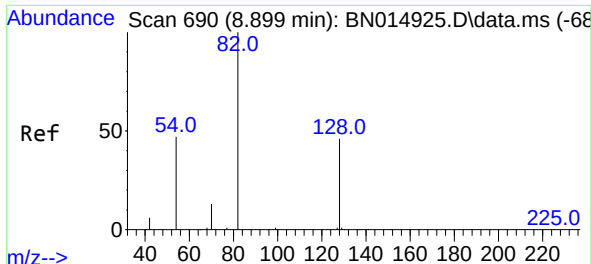
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#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.505 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
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Tgt Ion: 136 Resp: 99764  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.8 14.8  
54 7.5 5.4 8.2  
68 6.2 4.9 7.3





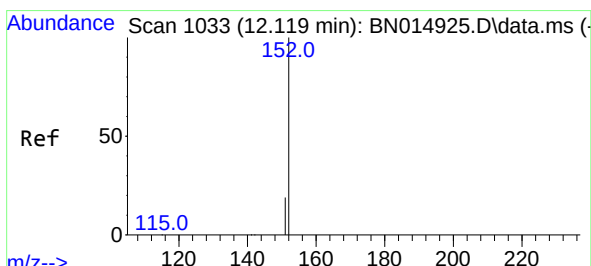
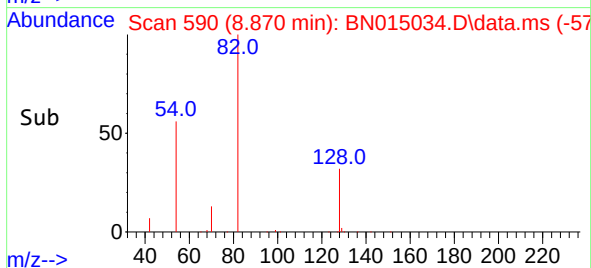
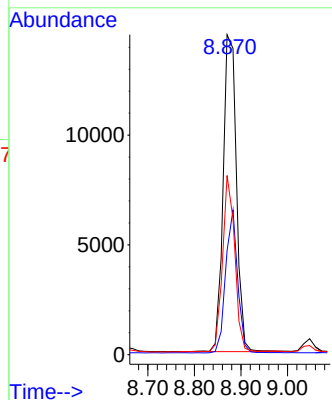
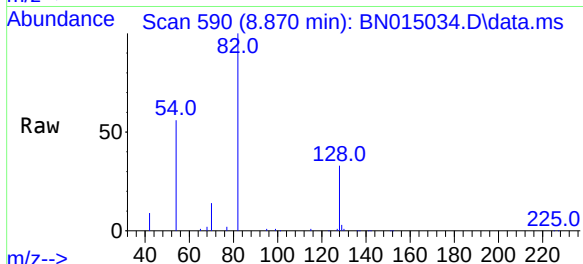
#8  
Nitrobenzene-d5  
Concen: 0.379 ng  
RT: 8.870 min Scan# 590  
Delta R.T. -0.013 min  
Lab File: BN015034.D  
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Tgt Ion: 82 Resp: 28579  
Ion Ratio Lower Upper  
82 100  
128 32.6 31.6 47.4  
54 56.0 29.0 43.4#

Instrument :  
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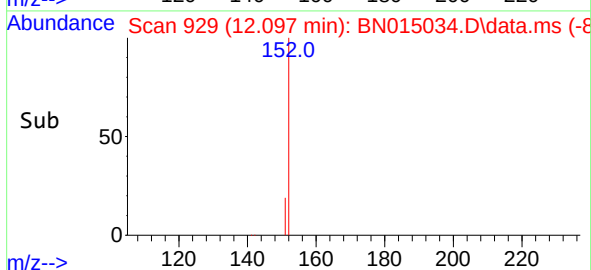
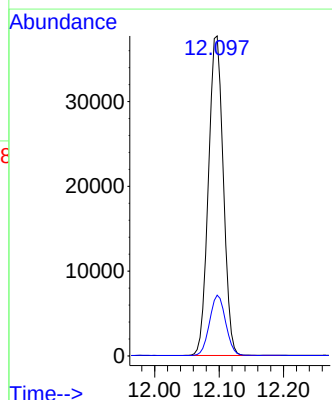
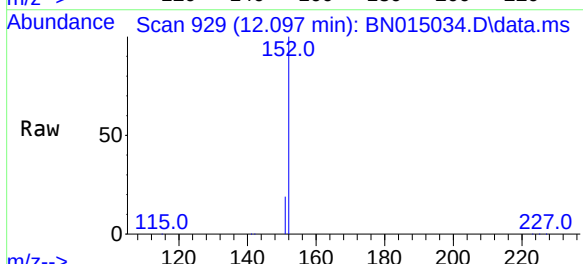
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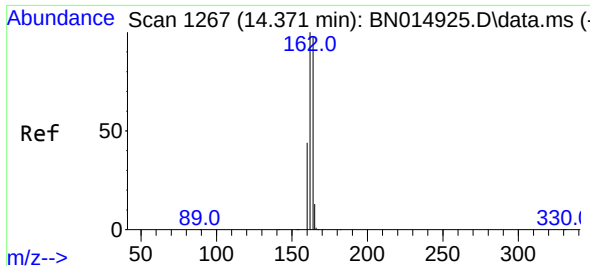
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#11  
2-Methylnaphthalene-d10  
Concen: 0.351 ng  
RT: 12.097 min Scan# 929  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

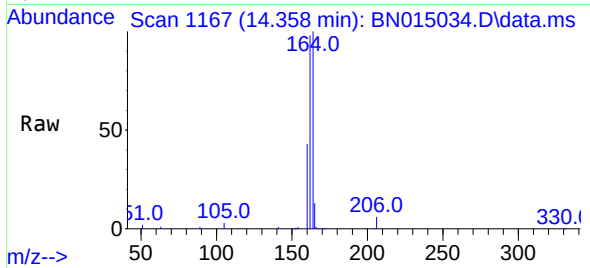
Tgt Ion: 152 Resp: 60097  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.358 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

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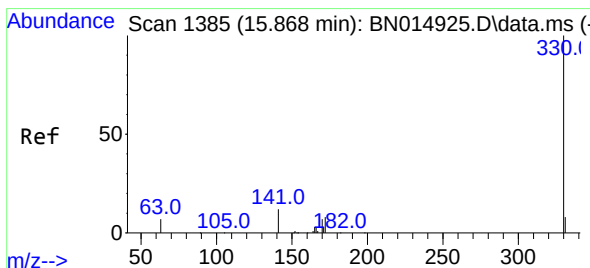
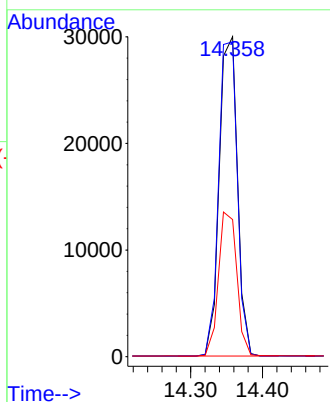


Tgt Ion:164 Resp: 52720

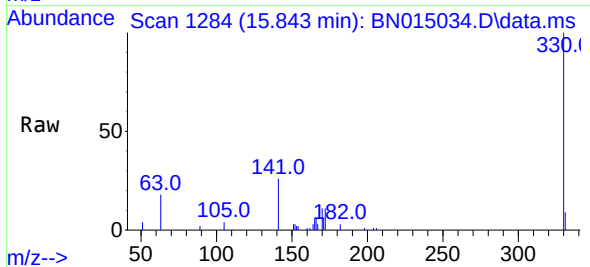
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.4  | 83.8  | 125.6 |
| 160 | 42.9  | 37.4  | 56.0  |

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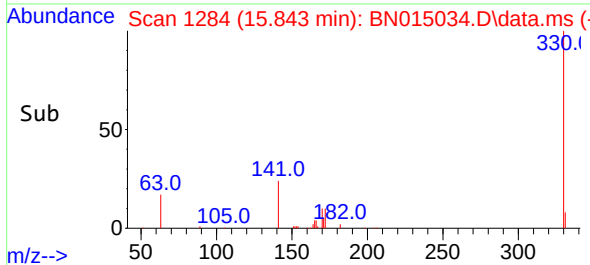
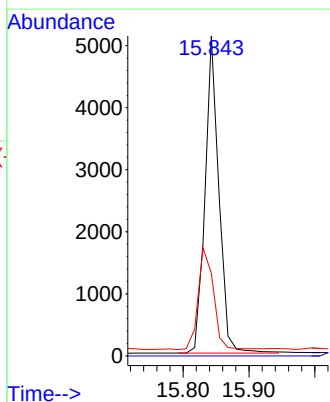


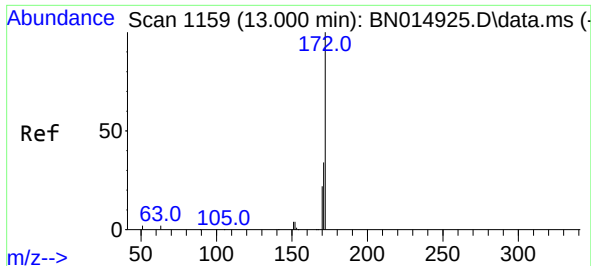
#14  
2,4,6-Tribromophenol  
Concen: 0.303 ng  
RT: 15.843 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
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Tgt Ion:330 Resp: 7494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 35.1  | 22.4  | 33.6# |





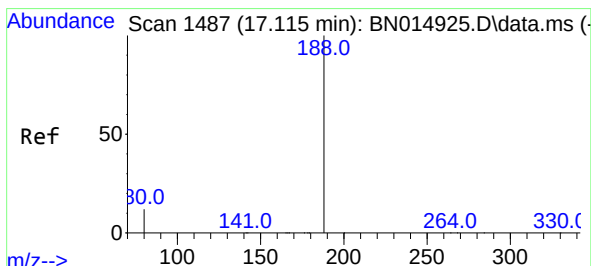
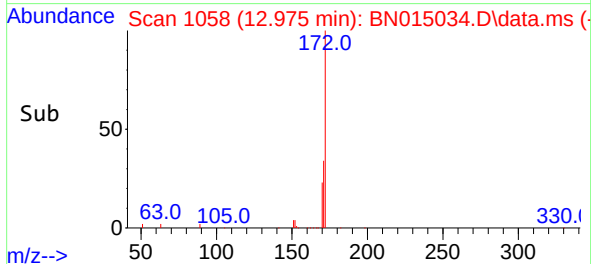
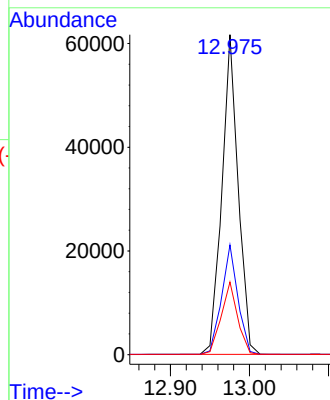
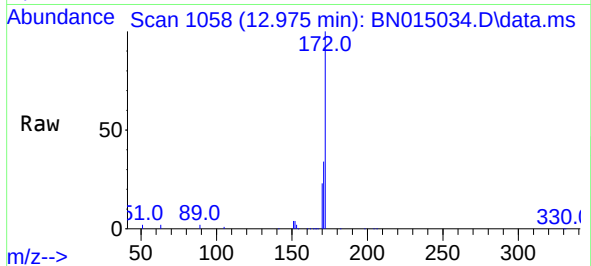
#15  
2-Fluorobiphenyl  
Concen: 0.441 ng  
RT: 12.975 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 88408 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.3  | 30.6  | 45.8  |
| 170       | 22.7  | 20.2  | 30.4  |

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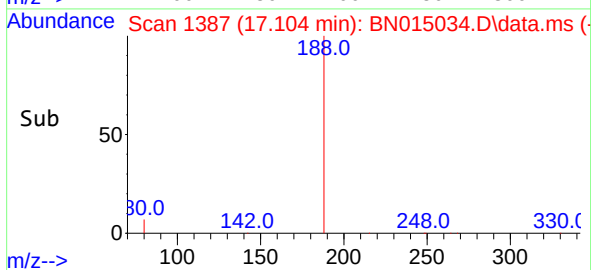
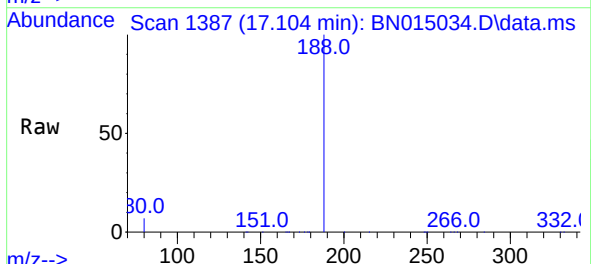
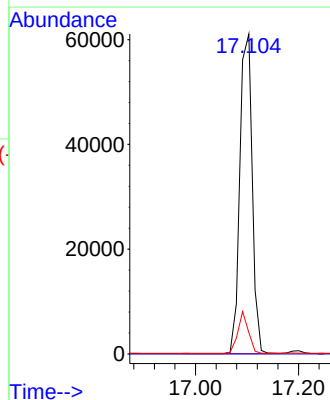
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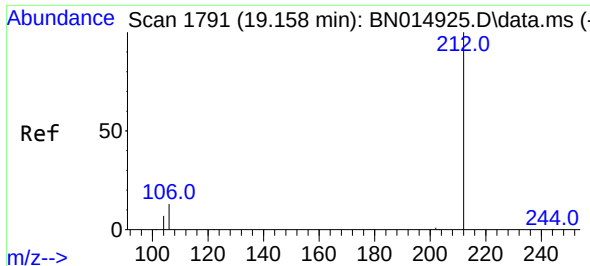


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.104 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 102217 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 0.0   | 0.0   | 0.0    |
| 80        | 6.7   | 9.0   | 13.4   |

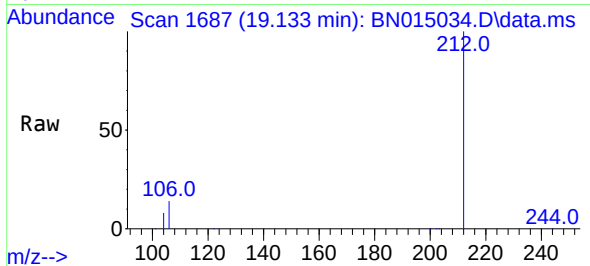






#27  
Fluoranthene-d10  
Concen: 0.362 ng  
RT: 19.133 min Scan# 1687  
Delta R.T. -0.005 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

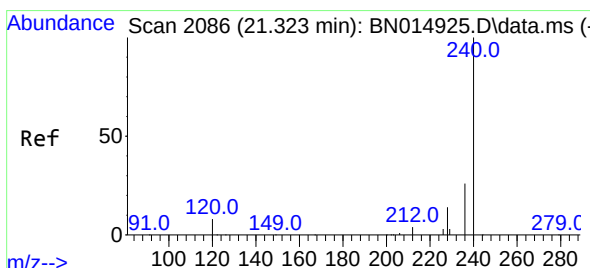
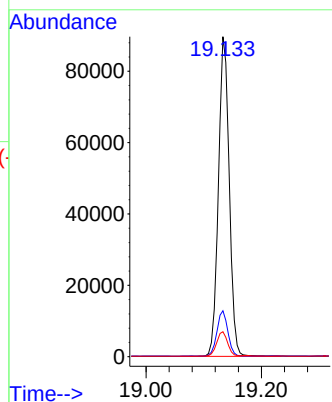
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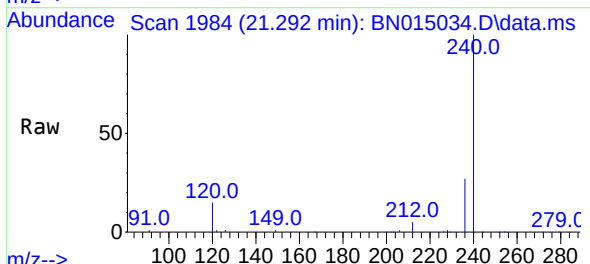
Tgt Ion:212 Resp: 116620  
Ion Ratio Lower Upper  
212 100  
106 14.2 7.0 10.6#  
104 7.8 4.1 6.1#

Manual Integrations  
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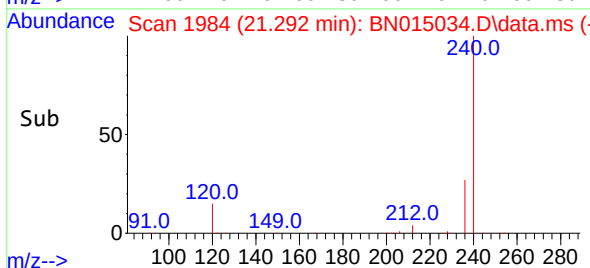
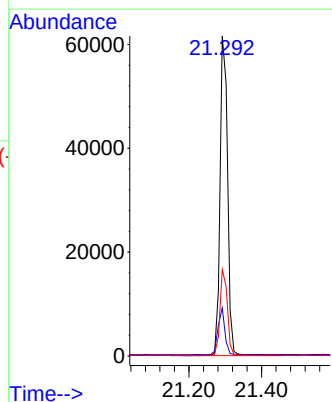
mohammad  
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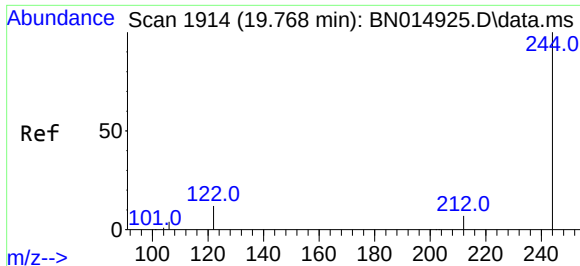


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.292 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58



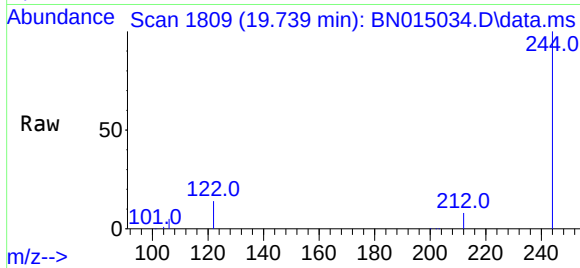
Tgt Ion:240 Resp: 87932  
Ion Ratio Lower Upper  
240 100  
120 15.0 4.2 6.4#  
236 27.1 21.4 32.2





#31  
Terphenyl-d14  
Concen: 0.475 ng  
RT: 19.739 min Scan# 1809  
Delta R.T. -0.005 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

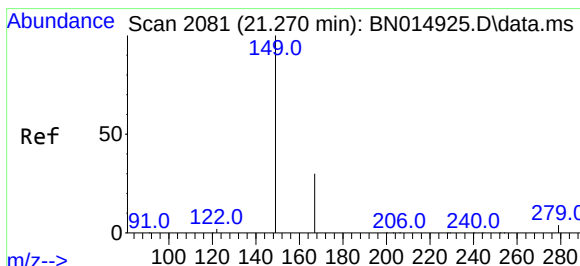
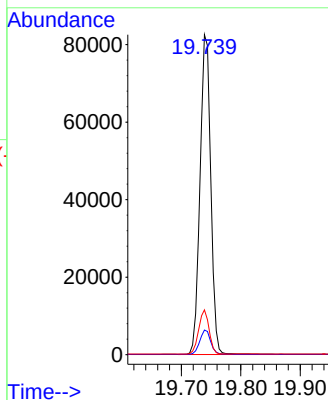
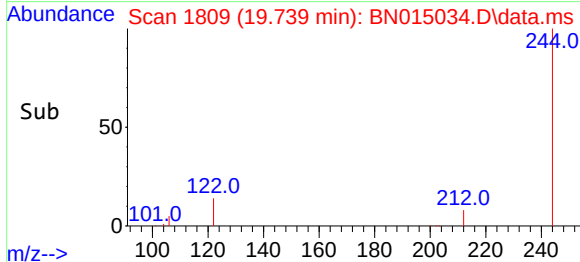
Instrument :  
BNA\_N  
ClientSampleId :  
RE137-20210618



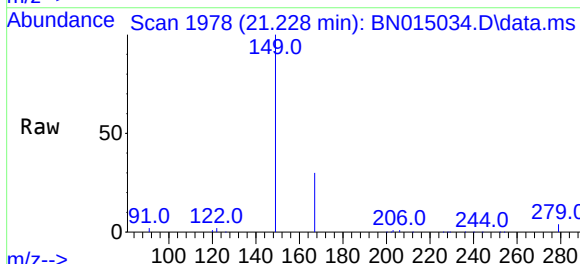
Tgt Ion:244 Resp: 103462  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.3 9.5  
122 14.0 6.2 9.2#

Manual Integrations  
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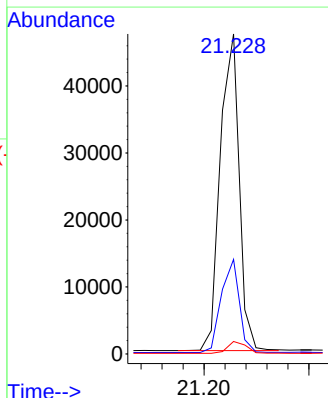
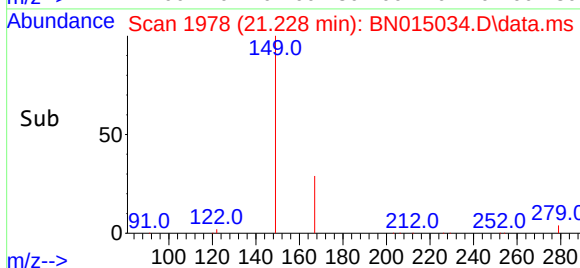
mohammad  
6/24/2021 9:53:43 AM

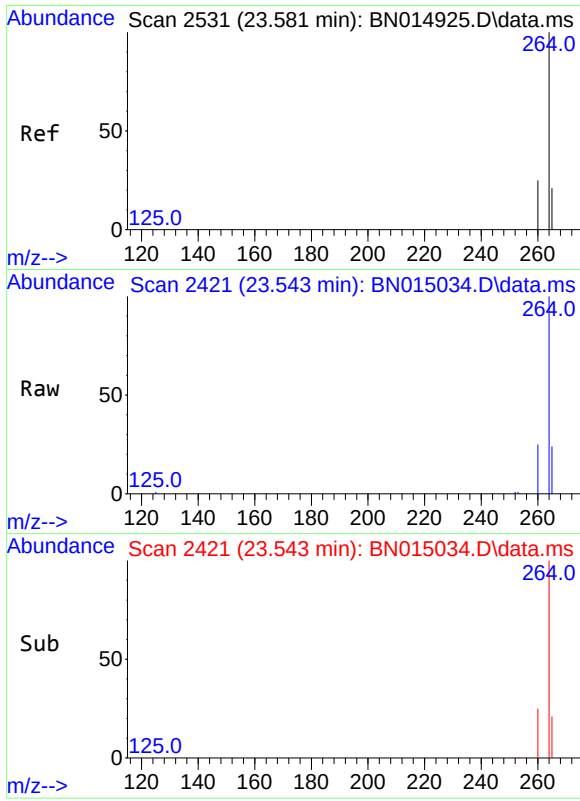


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.257 ng  
RT: 21.228 min Scan# 1978  
Delta R.T. -0.000 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58



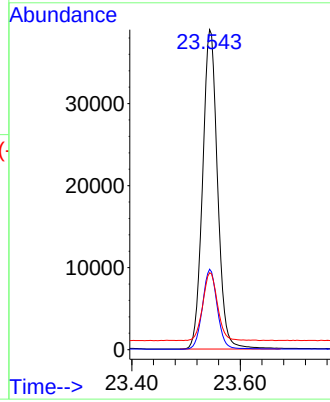
Tgt Ion:149 Resp: 59383  
Ion Ratio Lower Upper  
149 100  
167 28.1 28.9 43.3#  
279 3.6 4.9 7.3#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.543 min Scan# 2421  
Delta R.T. -0.011 min  
Lab File: BN015034.D  
Acq: 24 Jun 2021 07:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 74483 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 25.1  | 20.6  | 31.0  |
| 265      | 24.1  | 21.4  | 32.2  |



Instrument :  
BNA\_N  
ClientSampleId :  
RE137-20210618

Manual Integrations  
APPROVED

mohammad  
6/24/2021 9:53:43 AM