

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081721\  
 Data File : BN015921.D  
 Acq On : 18 Aug 2021 05:03  
 Operator : CG/JU  
 Sample : M3364-15  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBK99

Manual Integrations  
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Quant Time: Aug 18 06:24:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 17 09:43:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 263292   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.710 | 136  | 1113124  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.551 | 164  | 694440   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 1399696  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.480 | 240  | 1412585  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.904 | 264  | 1345230  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.334  | 96   | 40762    | 6.031  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.758  | 84   | 56972m   | 3.016  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 7.058  | 99   | 170344   | 7.152  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67   | 438297   | 29.890 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.428  | 132  | 439007   | 25.905 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.610  | 113  | 310781   | 16.777 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.063  | 128  | 285825   | 34.888 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.787  | 143  | 296912   | 38.723 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.328 | 165  | 511280   | 30.814 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.846 | 131  | 626764   | 24.816 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.957 | 166  | 1925976  | 37.843 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.240 | 160  | 2220273  | 34.835 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.740 | 143  | 68703    | 7.632  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.545 | 176  | 1620354  | 36.500 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200  | 270808   | 36.228 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.398 | 188  | 2692064  | 41.034 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.692 | 212  | 3070311  | 40.353 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.751 | 264  | 2894135  | 39.790 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.763 | 128  | 2754107  | 46.197 | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.593 | 142  | 906767   | 21.974 | ng/u1  | 97       |
| 43) 1,1'-Biphenyl             | 13.381 | 154  | 477739   | 8.897  | ng/u1  | 97       |
| 50) Acenaphthylene            | 14.269 | 152  | 90948    | 1.501  | ng/u1# | 94       |
| 52) Acenaphthene              | 14.610 | 153  | 759807   | 17.338 | ng/u1  | 97       |
| 56) Dibenzofuran              | 14.945 | 168  | 1810887  | 29.888 | ng/u1  | 95       |
| 61) Fluorene                  | 15.598 | 166  | 729340   | 14.752 | ng/u1  | 98       |
| 71) Pentachlorophenol         | 16.951 | 266  | 277956   | 28.228 | ng/u1  | 89       |
| 72) Phenanthrene              | 17.339 | 178  | 1536422  | 20.192 | ng/u1  | 98       |
| 77) Carbazole                 | 17.698 | 167  | 597486   | 8.748  | ng/u1  | 97       |
| 80) Fluoranthene              | 19.357 | 202  | 101515   | 1.103  | ng/u1# | 96       |

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

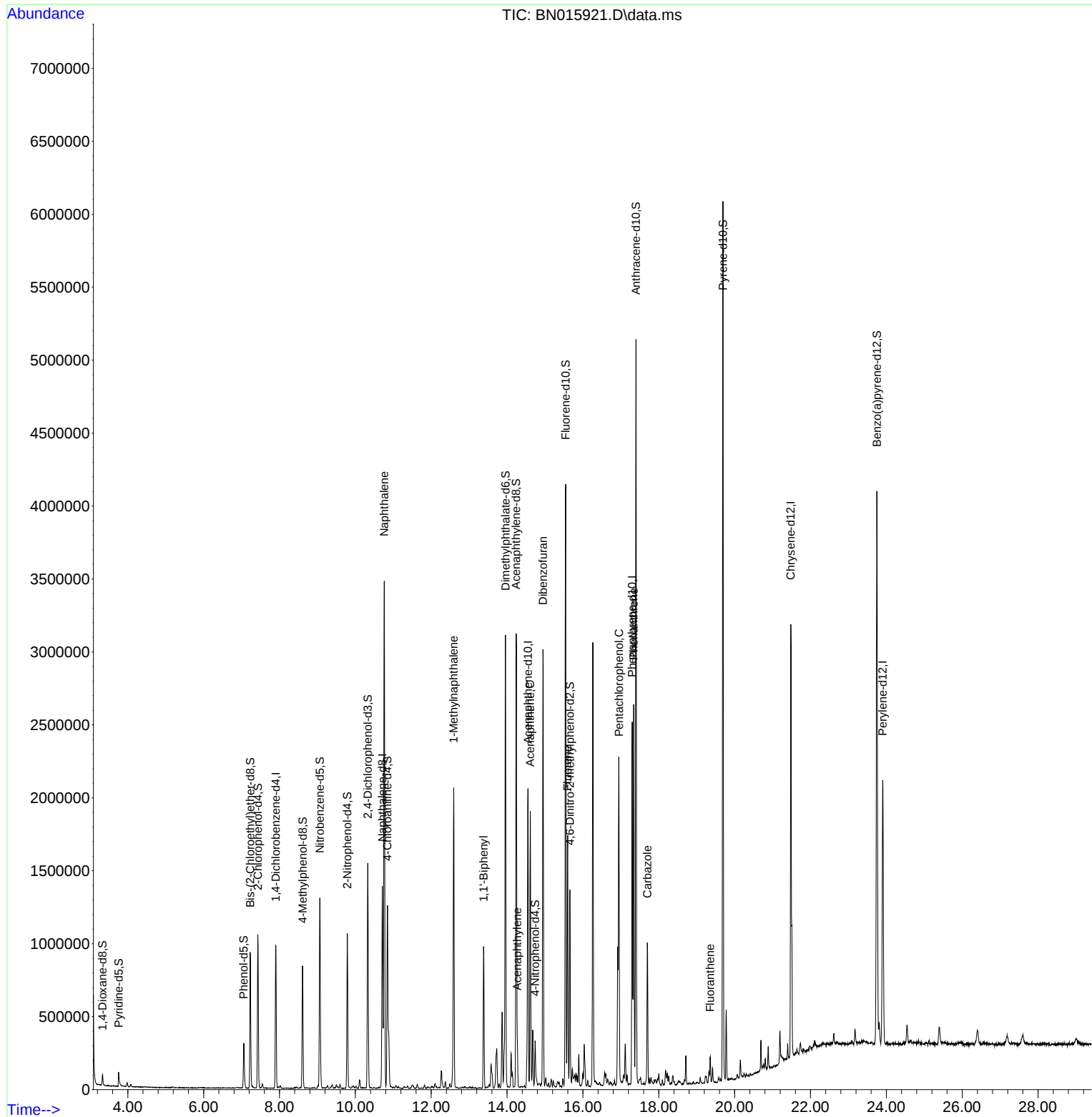
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081721\  
Data File : BN015921.D  
Acq On : 18 Aug 2021 05:03  
Operator : CG/JU  
Sample : M3364-15  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

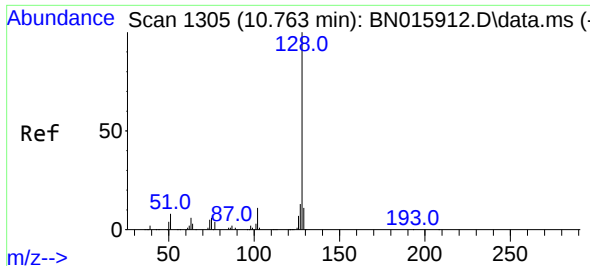
Instrument :  
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Quant Time: Aug 18 06:24:30 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 17 09:43:53 2021  
Response via : Initial Calibration





#30  
Naphthalene  
Concen: 46.197 ng/ul  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03

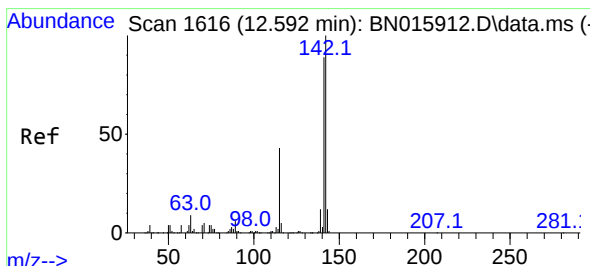
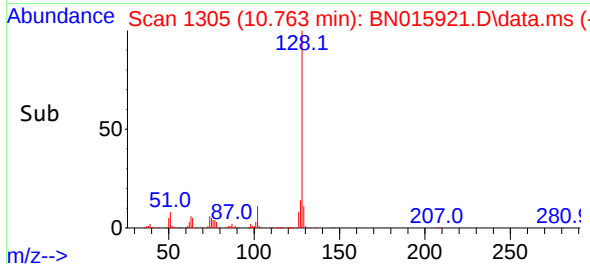
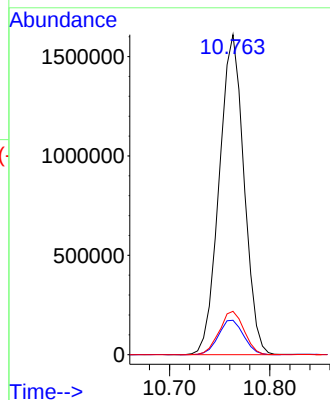
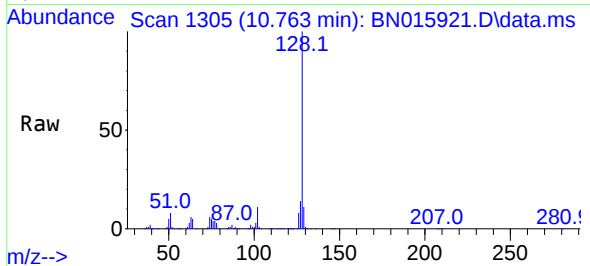
Tgt Ion:128 Resp: 2754107  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 8.8   | 13.2  |
| 127 | 13.6  | 11.1  | 16.7  |

Instrument :  
BNA\_N  
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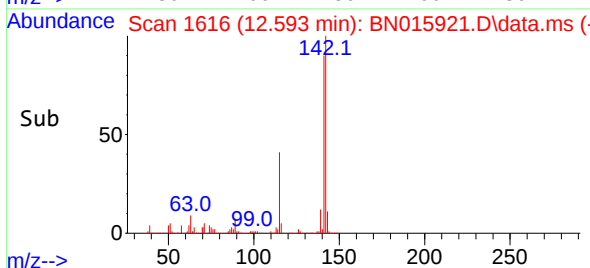
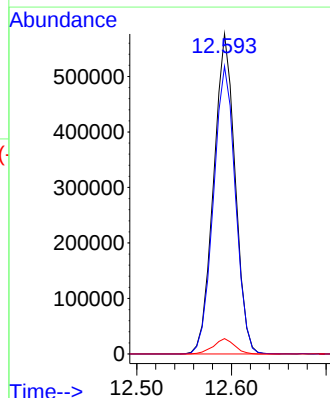
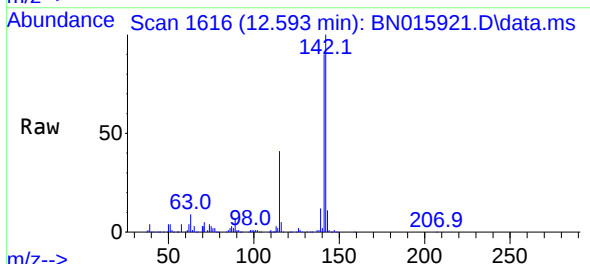
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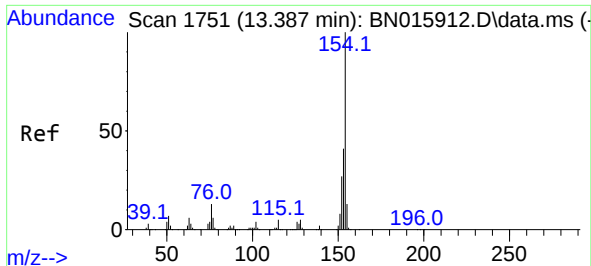


#37  
1-Methylnaphthalene  
Concen: 21.974 ng/ul  
RT: 12.593 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03

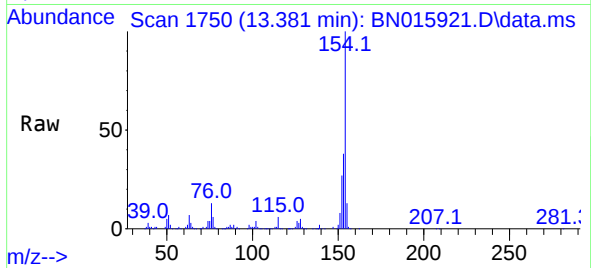
Tgt Ion:142 Resp: 906767  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 89.9  | 74.2  | 111.4 |
| 116 | 4.8   | 3.4   | 5.0   |

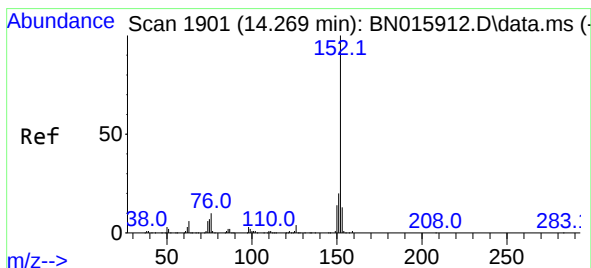
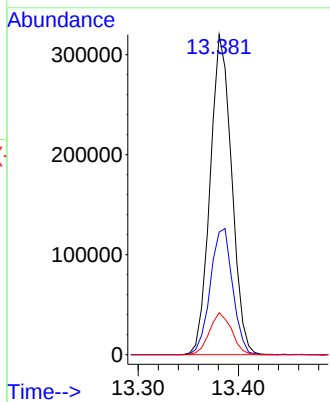
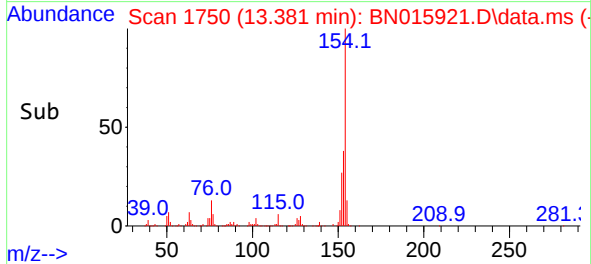




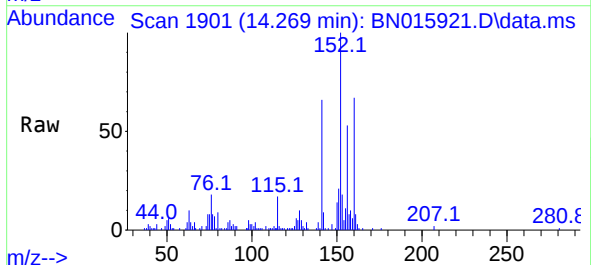
#43  
1,1'-Biphenyl  
Concen: 8.897 ng/ul  
RT: 13.381 min Scan# 1750  
Delta R.T. -0.006 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03



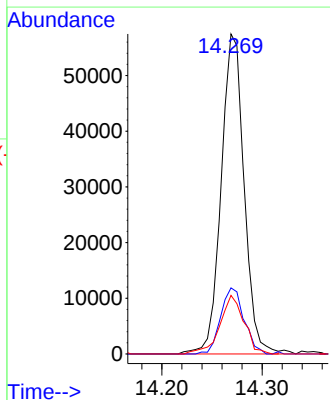
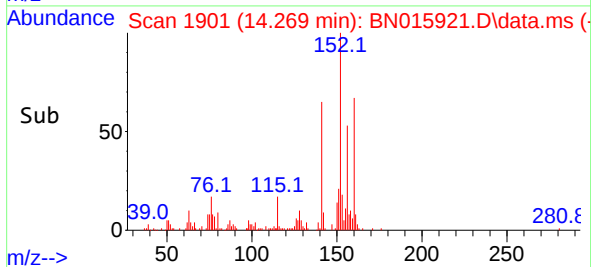
Tgt Ion:154 Resp: 477739  
Ion Ratio Lower Upper  
154 100  
153 38.3 32.1 48.1  
76 13.1 11.0 16.6



#50  
Acenaphthylene  
Concen: 1.501 ng/ul  
RT: 14.269 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03



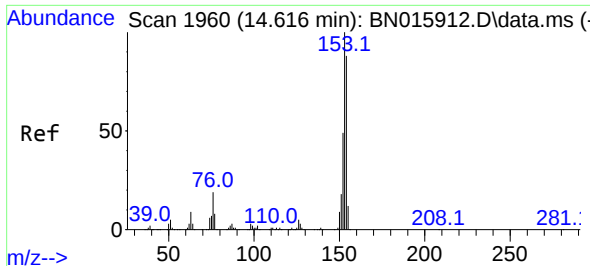
Tgt Ion:152 Resp: 90948  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.2  
153 18.3 10.3 15.5#



Instrument :  
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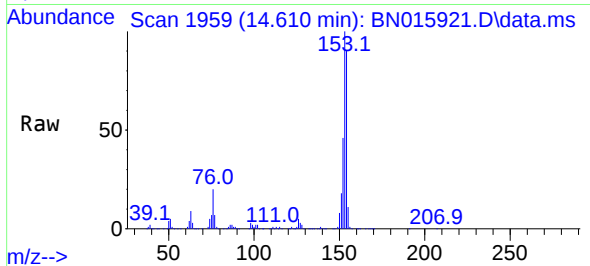
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#52  
Acenaphthene  
Concen: 17.338 ng/u1  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03

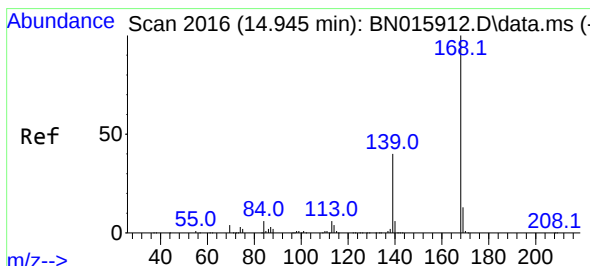
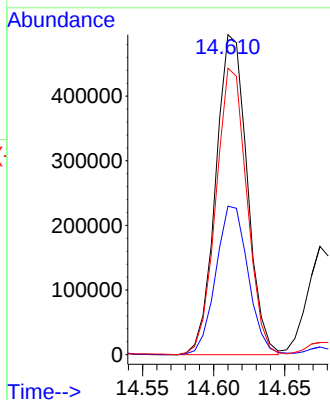
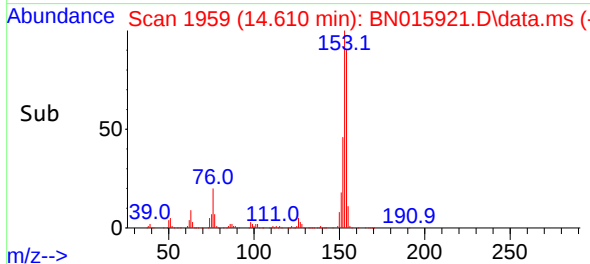
Instrument :  
BNA\_N  
ClientSampleId :  
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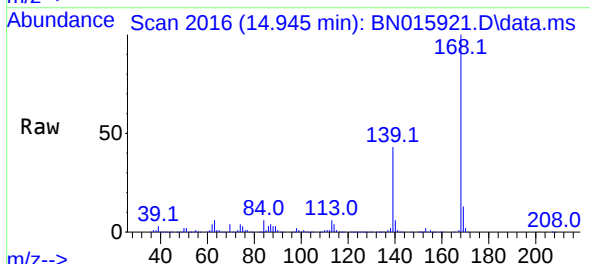
Tgt Ion:153 Resp: 759807  
Ion Ratio Lower Upper  
153 100  
152 46.4 38.6 57.8  
154 89.5 69.3 103.9

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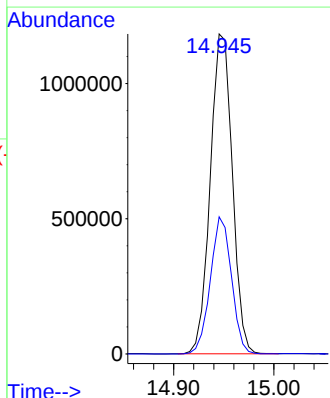
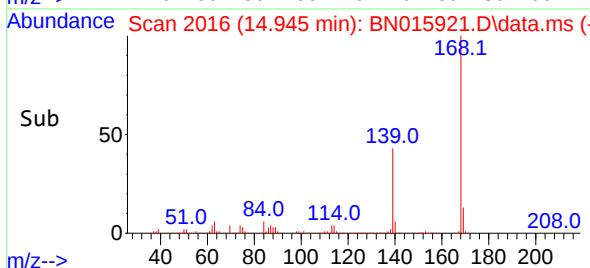
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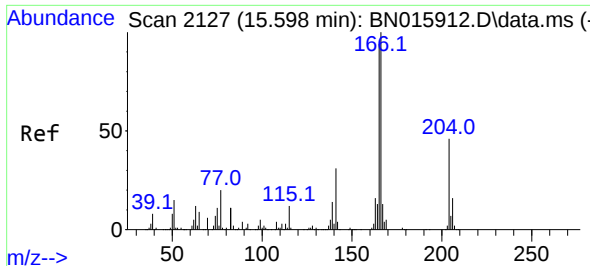


#56  
Dibenzofuran  
Concen: 29.888 ng/u1  
RT: 14.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03



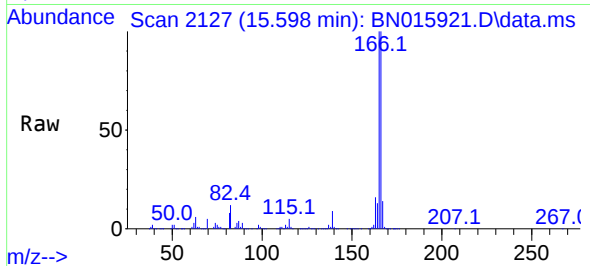
Tgt Ion:168 Resp: 1810887  
Ion Ratio Lower Upper  
168 100  
139 42.9 31.8 47.6





#61  
Fluorene  
Concen: 14.752 ng/u1  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03

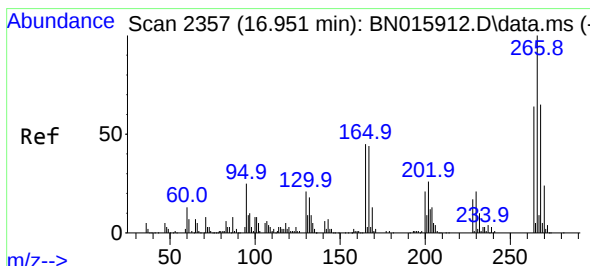
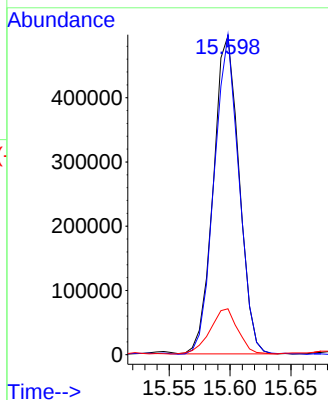
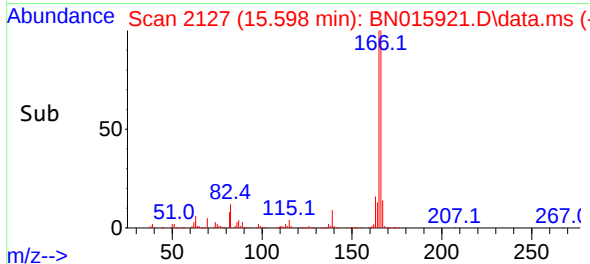
Instrument :  
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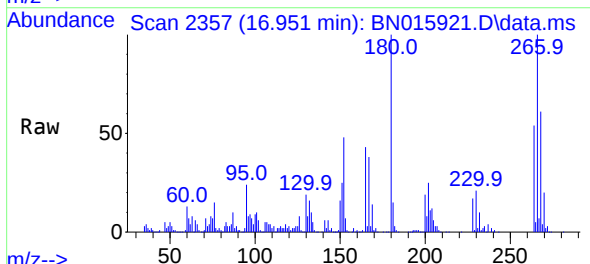
Tgt Ion:166 Resp: 729340  
Ion Ratio Lower Upper  
166 100  
165 100.3 78.4 117.6  
167 14.4 10.8 16.2

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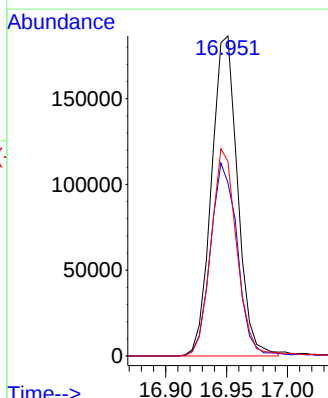
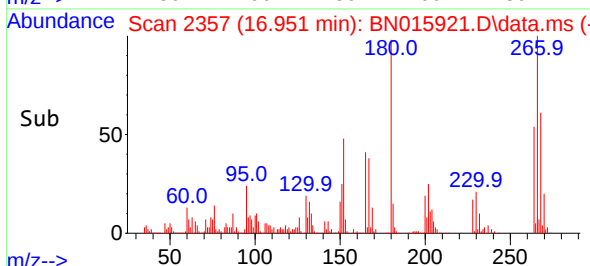
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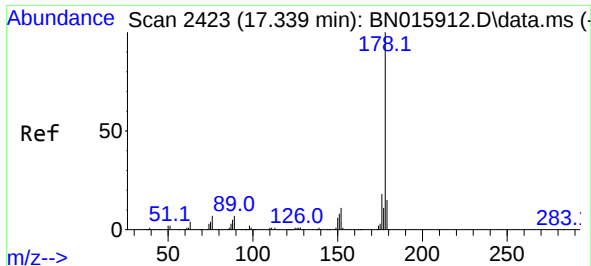


#71  
Pentachlorophenol  
Concen: 28.228 ng/u1  
RT: 16.951 min Scan# 2357  
Delta R.T. 0.006 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03



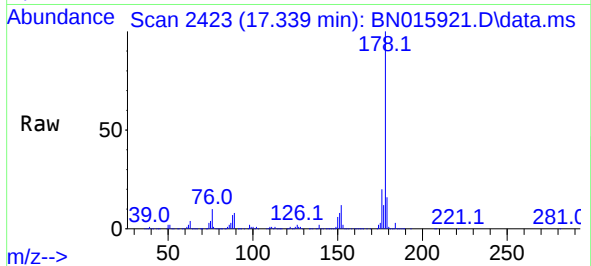
Tgt Ion:266 Resp: 277956  
Ion Ratio Lower Upper  
266 100  
264 54.1 53.8 80.6  
268 60.8 52.7 79.1





#72  
Phenanthrene  
Concen: 20.192 ng/u1  
RT: 17.339 min Scan# 2423  
Delta R.T. -0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03

Instrument :  
BNA\_N  
ClientSampleId :  
DBK99

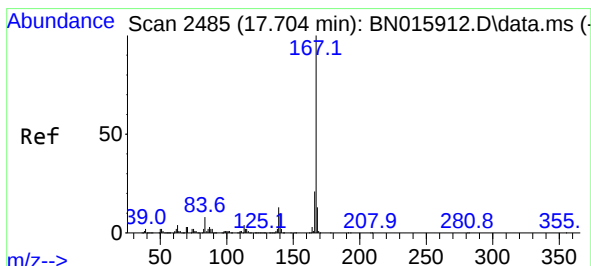
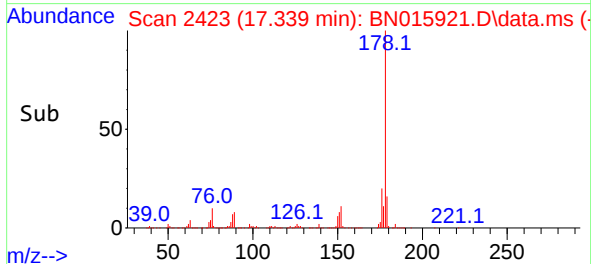
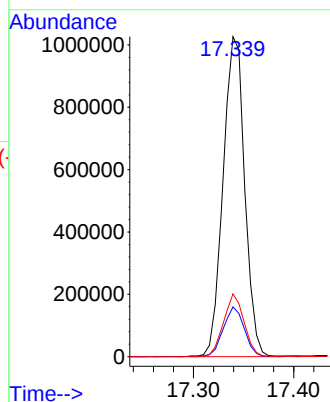


Tgt Ion:178 Resp: 1536422

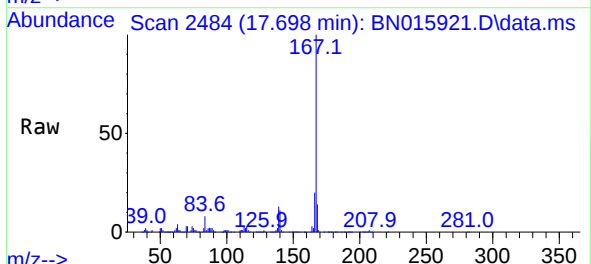
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.6  | 12.5  | 18.7  |
| 176 | 19.7  | 14.6  | 21.8  |

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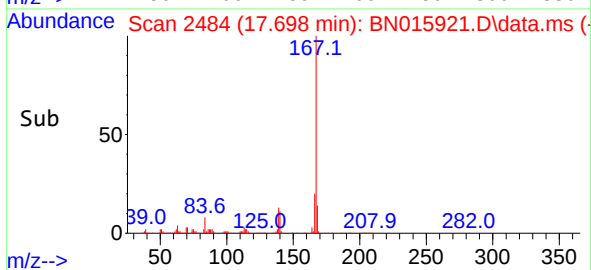
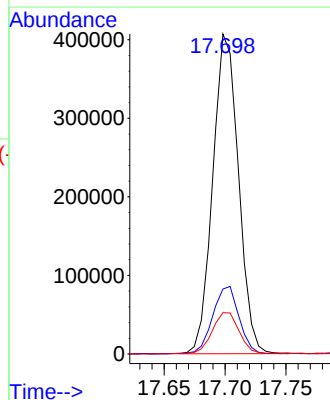


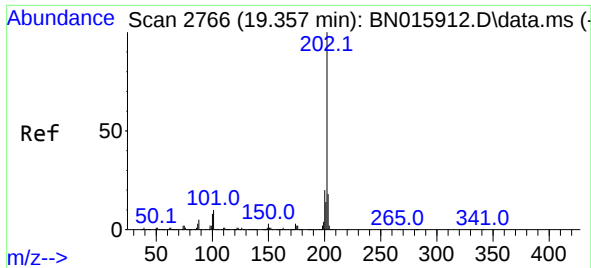
#77  
Carbazole  
Concen: 8.748 ng/u1  
RT: 17.698 min Scan# 2484  
Delta R.T. 0.000 min  
Lab File: BN015921.D  
Acq: 18 Aug 2021 05:03



Tgt Ion:167 Resp: 597486

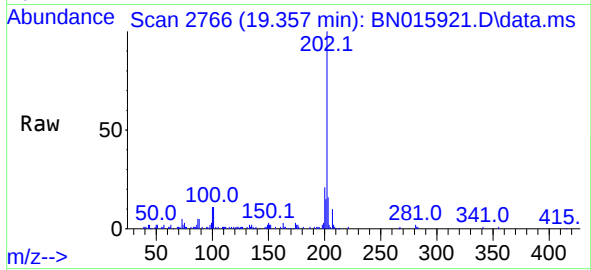
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 20.3  | 17.1  | 25.7  |
| 139 | 12.9  | 11.6  | 17.4  |





#80  
 Fluoranthene  
 Concen: 1.103 ng/ul  
 RT: 19.357 min Scan# 2766  
 Delta R.T. 0.000 min  
 Lab File: BN015921.D  
 Acq: 18 Aug 2021 05:03

Instrument :  
 BNA\_N  
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Tgt Ion:202 Resp: 101515  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 8.0 12.0  
 100 10.9 6.7 10.1#

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