

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017445.D  
 Acq On : 29 Sep 2023 14:29  
 Operator : MA/JU  
 Sample : 04497-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

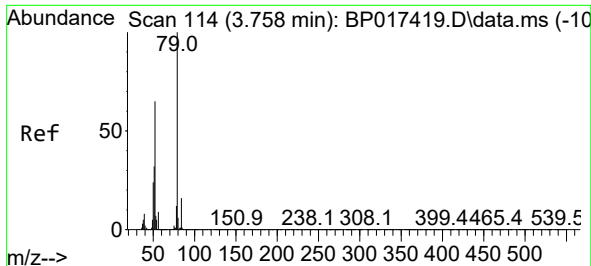
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJC3

Quant Time: Sep 29 22:35:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 29 22:31:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 240103   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.798 | 136  | 973167   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.651 | 164  | 736505   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 1368070  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.568 | 240  | 1338711  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.145 | 264  | 1515784  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 9626     | 1.647  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.740  | 84   | 112983   | 6.914  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.110  | 99   | 95049    | 4.820  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.298  | 67   | 343316   | 28.848 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.475  | 132  | 308349   | 19.715 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.675  | 113  | 182432   | 11.899 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.163  | 128  | 210306   | 29.892 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.881  | 143  | 224870   | 29.436 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.416 | 165  | 374424   | 25.943 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.810 | 131  | 387667   | 18.543 | ng/ul  | -0.16    |
| 46) Dimethylphthalate-d6      | 14.069 | 166  | 1183400  | 22.429 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.351 | 160  | 1415329  | 23.324 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.892 | 143  | 33784    | 3.675  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.657 | 176  | 1121513  | 24.691 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 186644   | 24.206 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.539 | 188  | 1774343  | 29.243 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 2178341  | 30.090 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.974 | 264  | 2072264  | 28.395 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 5) Pyridine                   | 3.793  | 79   | 31146    | 1.836  | ng/ul# | 52       |
| 6) Benzaldehyde               | 7.134  | 77   | 37407    | 3.717  | ng/ul# | 1        |
| 17) N-Nitroso-di-n-propyla... | 8.787  | 70   | 25936    | 2.194  | ng/ul# | 66       |
| 19) Hexachloroethane          | 9.051  | 117  | 532956   | 80.831 | ng/ul# | 6        |
| 26) 2,4-Dimethylphenol        | 9.934  | 107  | 22785    | 1.381  | ng/ul# | 43       |
| 30) Naphthalene               | 10.851 | 128  | 120721   | 2.382  | ng/ul# | 76       |
| 34) Caprolactam               | 11.816 | 113  | 7734     | 1.881  | ng/ul# | 1        |
| 36) 2-Methylnaphthalene       | 12.463 | 142  | 449385   | 13.588 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.686 | 142  | 2246876  | 66.460 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.798 | 65   | 14842    | 1.364  | ng/ul# | 38       |
| 52) Acenaphthene              | 14.722 | 153  | 69512    | 1.483  | ng/ul# | 76       |
| 61) Fluorene                  | 15.710 | 166  | 214666   | 4.117  | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.963 | 169  | 58610    | 1.558  | ng/ul# | 57       |
| 72) Phenanthrene              | 17.480 | 178  | 272771   | 3.807  | ng/ul# | 95       |

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





#5

Pyridine

Concen: 1.836 ng/ul

RT: 3.793 min Scan# 114

Delta R.T. 0.035 min

Lab File: BP017445.D

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Instrument :

BNA\_P

ClientSampleId :

BBJC3

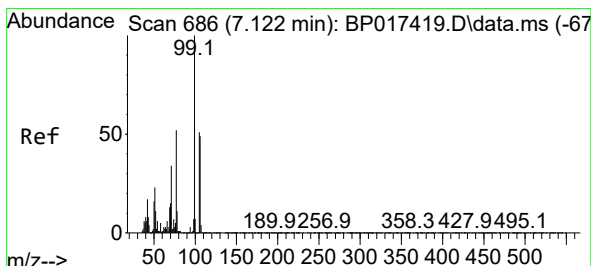
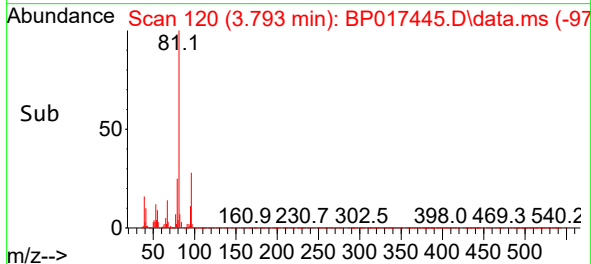
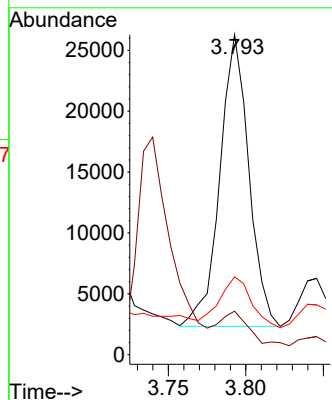
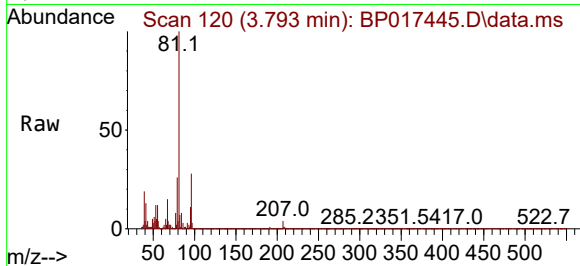
Tgt Ion: 79 Resp: 31146

Ion Ratio Lower Upper

79 100

52 13.6 51.4 77.2#

51 24.3 25.4 38.2#



#6

Benzaldehyde

Concen: 3.717 ng/ul

RT: 7.134 min Scan# 688

Delta R.T. 0.017 min

Lab File: BP017445.D

Acq: 29 Sep 2023 14:29

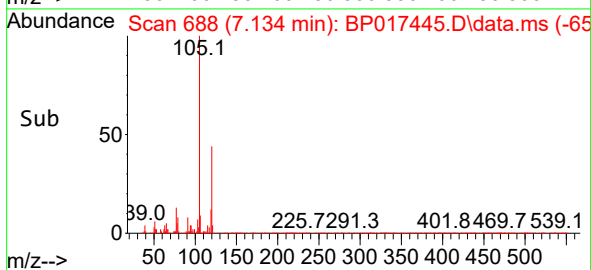
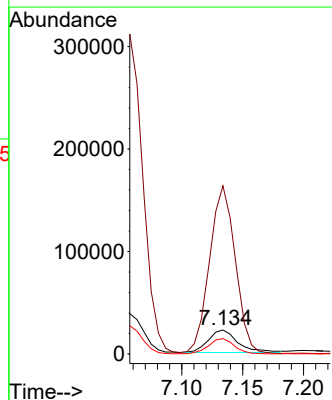
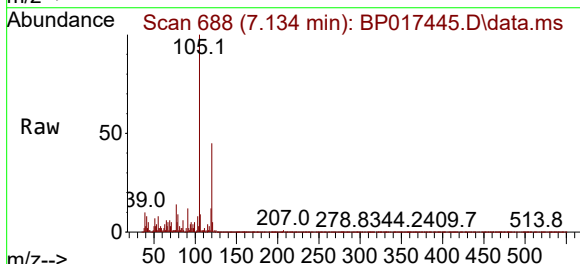
Tgt Ion: 77 Resp: 37407

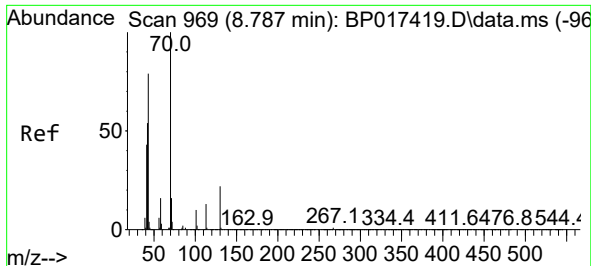
Ion Ratio Lower Upper

77 100

105 701.3 78.0 117.0#

106 64.1 73.2 109.8#

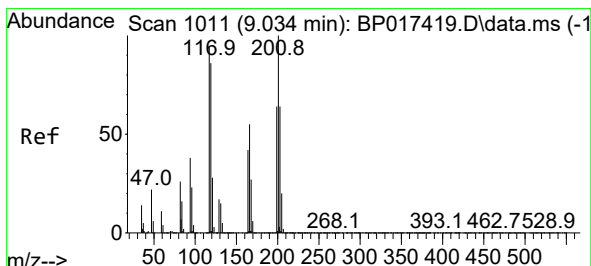
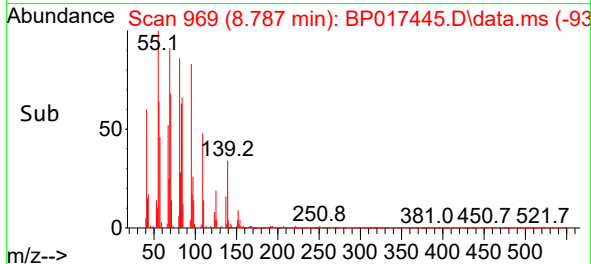
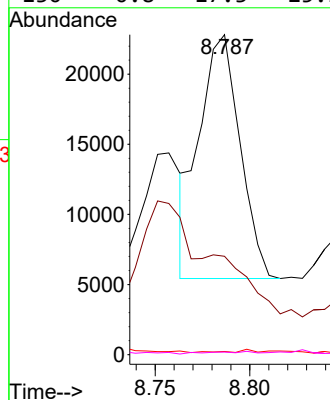
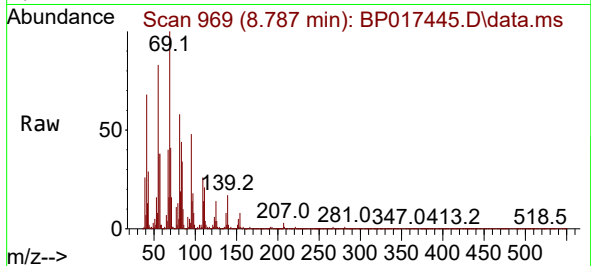




#17  
N-Nitroso-di-n-propylamine  
Concen: 2.194 ng/ul  
RT: 8.787 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: BP017445.D  
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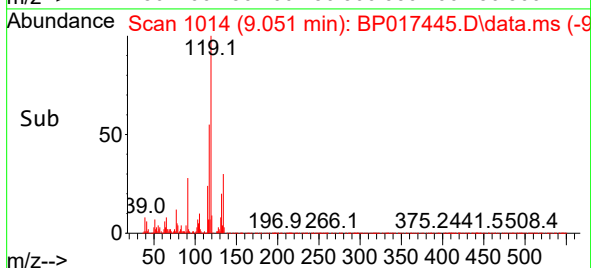
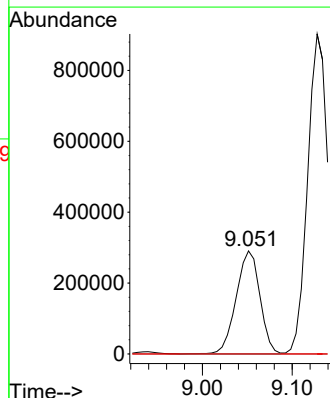
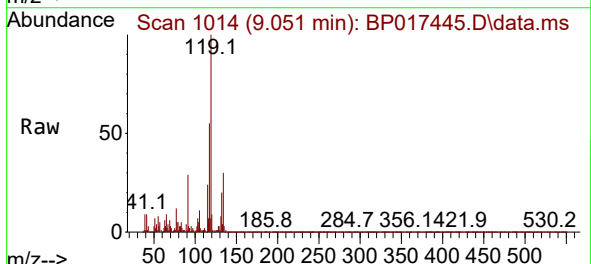
Instrument :  
BNA\_P  
ClientSampleId :  
BBJC3

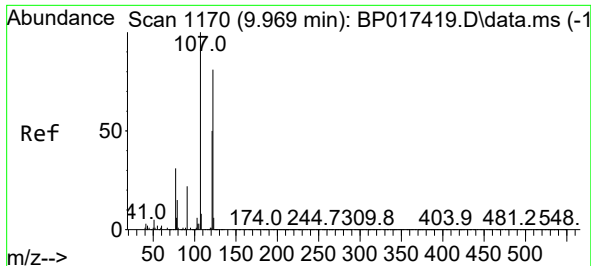
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 25936 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 30.7  | 42.3  | 63.5# |
| 101       | 1.0   | 7.5   | 11.3# |
| 130       | 0.8   | 17.3  | 25.9# |



#19  
Hexachloroethane  
Concen: 80.831 ng/ul  
RT: 9.051 min Scan# 1014  
Delta R.T. 0.023 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 532956 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 0.0   | 81.4  | 122.0# |
| 199       | 0.0   | 52.4  | 78.6#  |

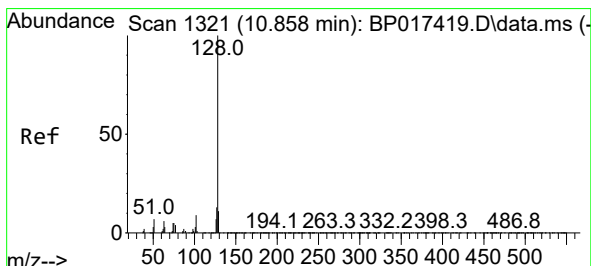
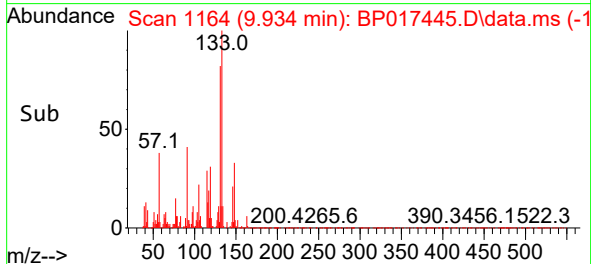
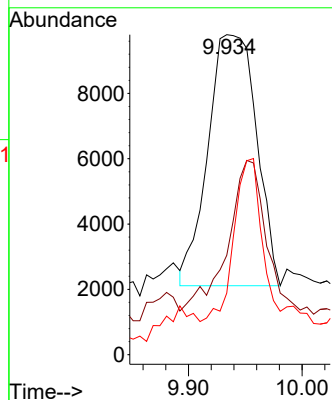
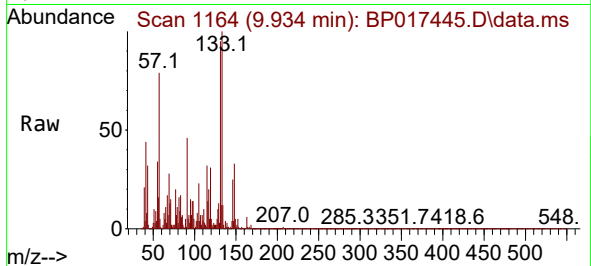




#26  
2,4-Dimethylphenol  
Concen: 1.381 ng/ul  
RT: 9.934 min Scan# 1164  
Delta R.T. -0.030 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

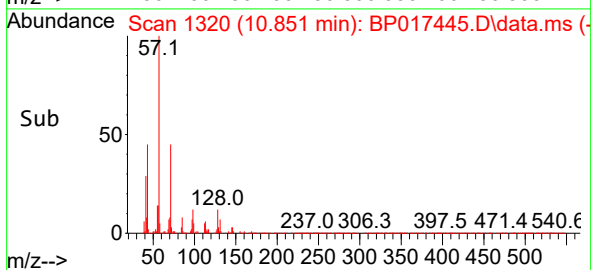
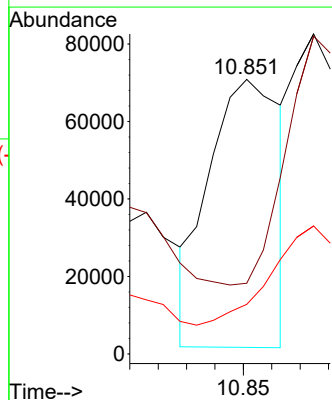
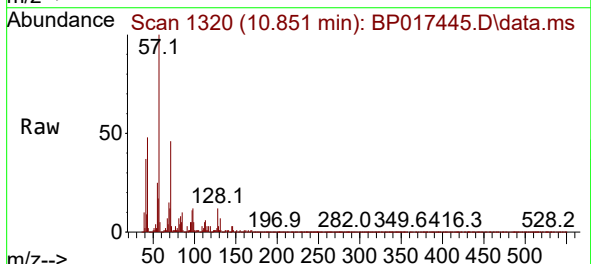
Instrument :  
BNA\_P  
ClientSampleId :  
BBJC3

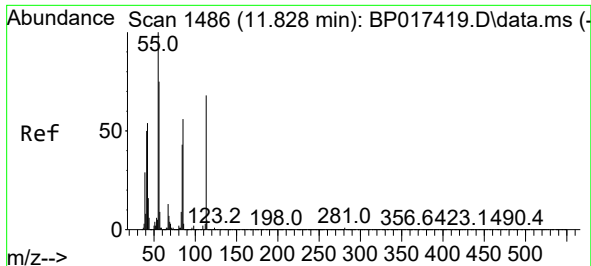
Tgt Ion:107 Resp: 22785  
Ion Ratio Lower Upper  
107 100  
121 31.1 41.1 61.7#  
122 19.3 69.4 104.0#



#30  
Naphthalene  
Concen: 2.382 ng/ul  
RT: 10.851 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

Tgt Ion:128 Resp: 120721  
Ion Ratio Lower Upper  
128 100  
129 25.7 8.6 13.0#  
127 18.1 10.6 15.8#

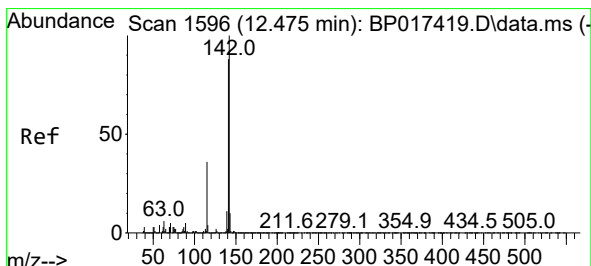
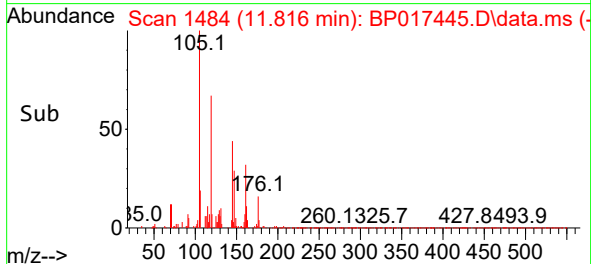
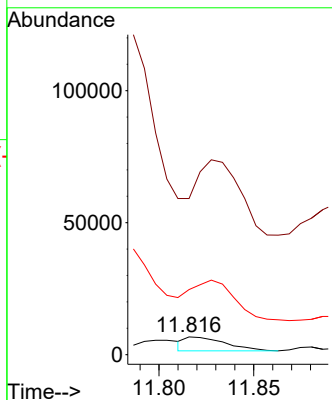
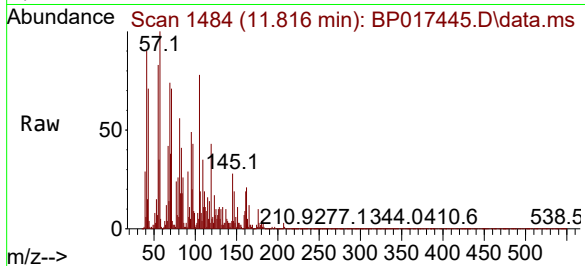




#34  
Caprolactam  
Concen: 1.881 ng/ul  
RT: 11.816 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

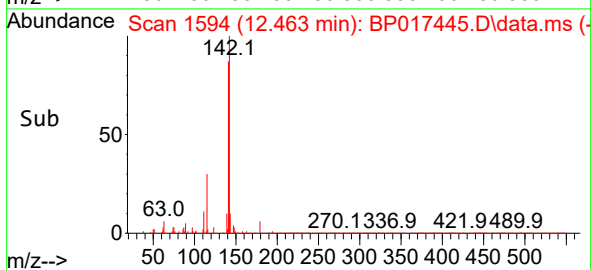
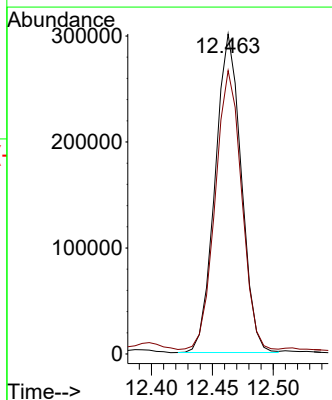
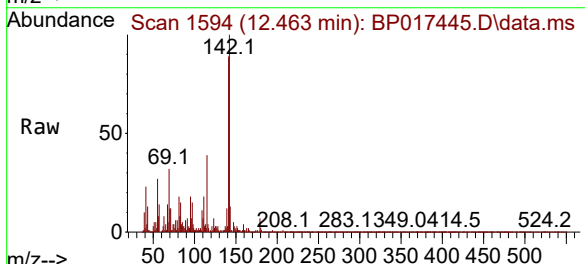
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BNA\_P  
ClientSampleId :  
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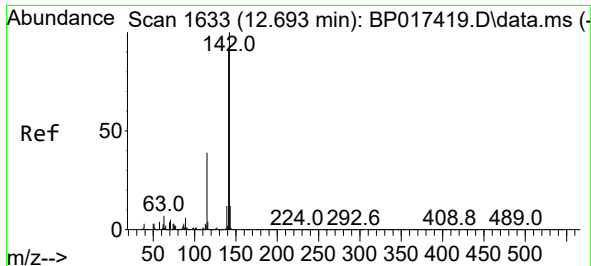
Tgt Ion:113 Resp: 7734  
Ion Ratio Lower Upper  
113 100  
55 882.0 127.4 191.0#  
56 368.2 94.5 141.7#



#36  
2-Methylnaphthalene  
Concen: 13.588 ng/ul  
RT: 12.463 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

Tgt Ion:142 Resp: 449385  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.9 107.9

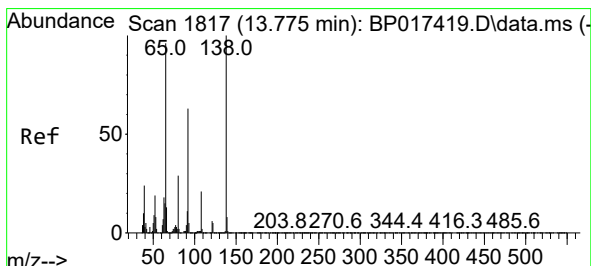
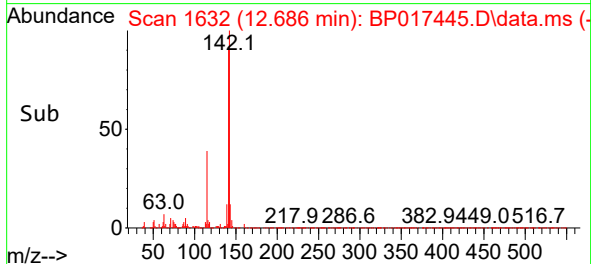
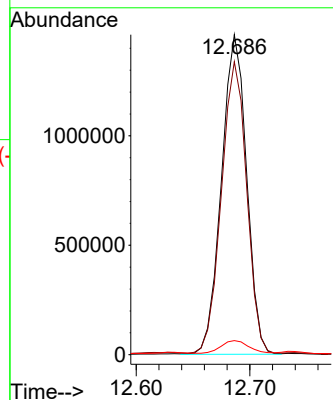
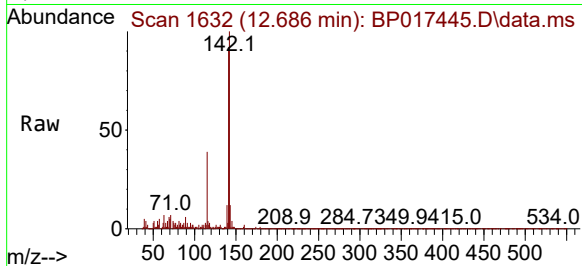




#37  
1-Methylnaphthalene  
Concen: 66.460 ng/ul  
RT: 12.686 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

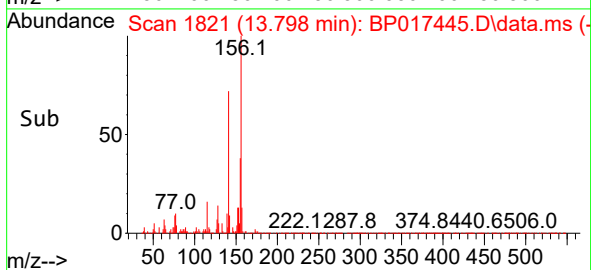
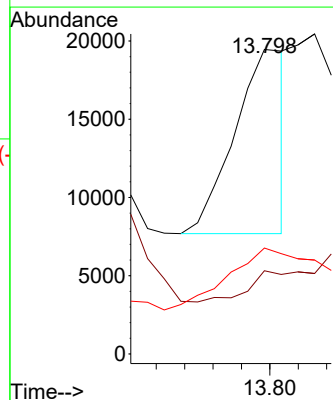
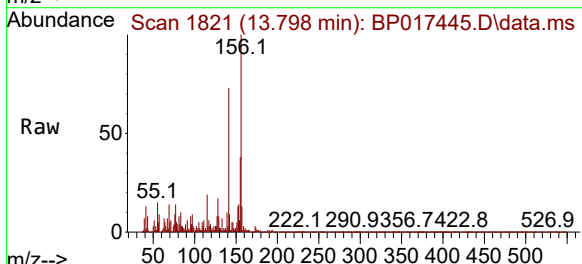
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ClientSampleId :  
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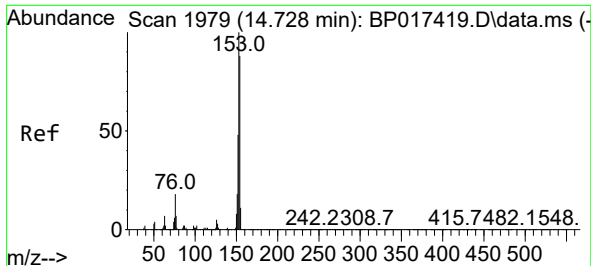
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Ion Ratio Lower Upper  
142 100  
141 91.6 73.4 110.2  
116 4.4 3.1 4.7



#45  
2-Nitroaniline  
Concen: 1.364 ng/ul  
RT: 13.798 min Scan# 1821  
Delta R.T. 0.023 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

Tgt Ion: 65 Resp: 14842  
Ion Ratio Lower Upper  
65 100  
92 27.3 57.7 86.5#  
138 34.8 83.5 125.3#

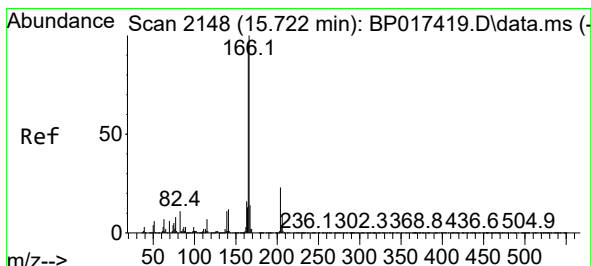
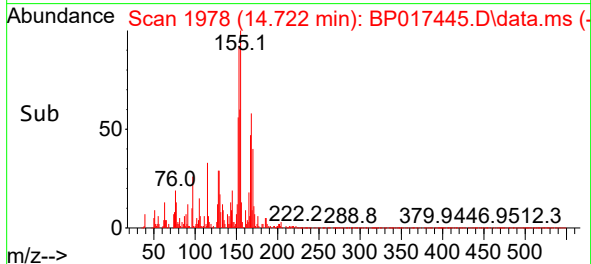
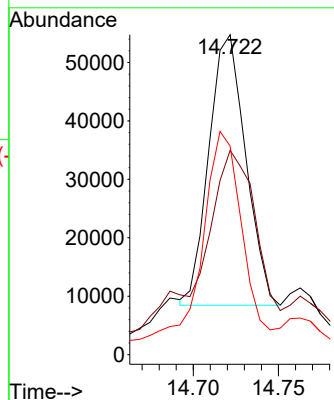
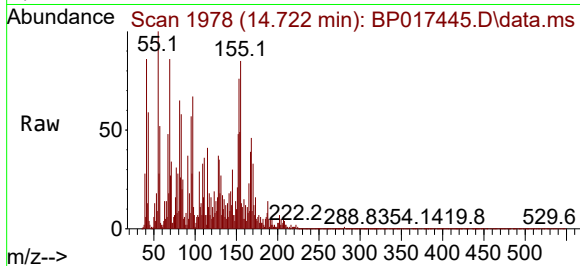




#52  
Acenaphthene  
Concen: 1.483 ng/ul  
RT: 14.722 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

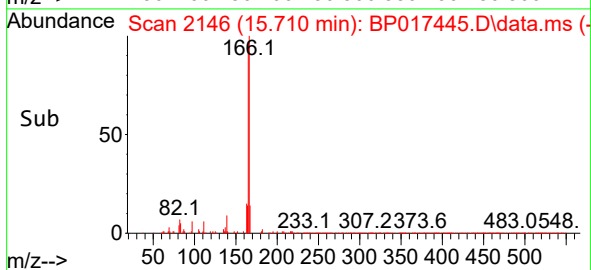
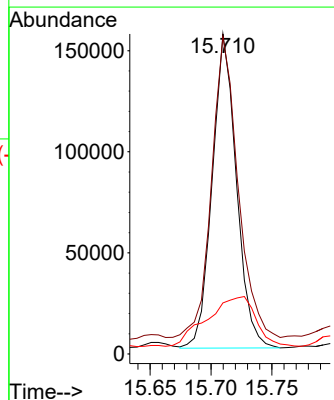
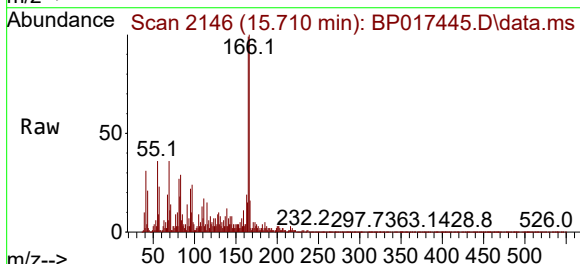
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BNA\_P  
ClientSampleId :  
BBJC3

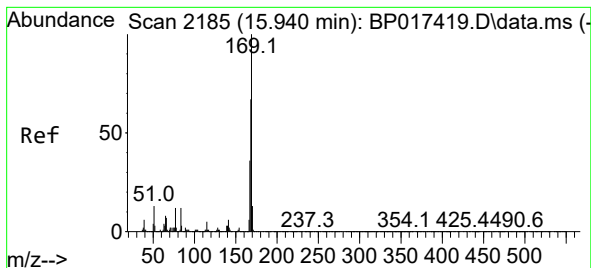
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Ion Ratio Lower Upper  
153 100  
152 63.9 38.0 57.0#  
154 65.2 70.1 105.1#



#61  
Fluorene  
Concen: 4.117 ng/ul  
RT: 15.710 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP017445.D  
Acq: 29 Sep 2023 14:29

Tgt Ion:166 Resp: 214666  
Ion Ratio Lower Upper  
166 100  
165 99.2 77.8 116.6  
167 16.0 10.9 16.3





#67

N-Nitrosodiphenylamine

Concen: 1.558 ng/ul

RT: 15.963 min Scan# 2185

Delta R.T. 0.023 min

Lab File: BP017445.D

Acq: 29 Sep 2023 14:29

Instrument :

BNA\_P

ClientSampleId :

BBJC3

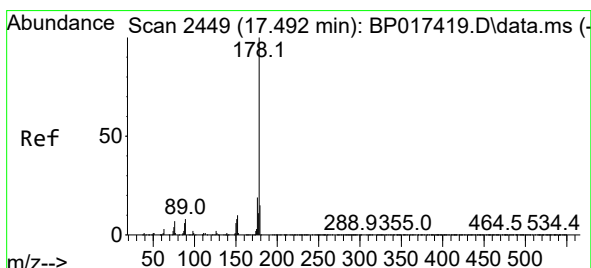
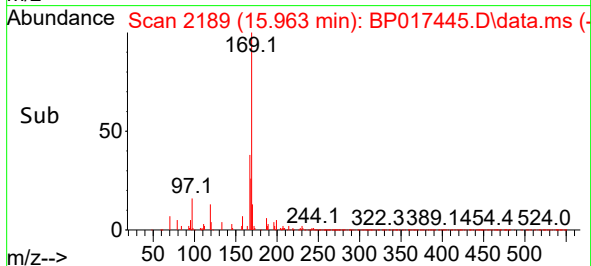
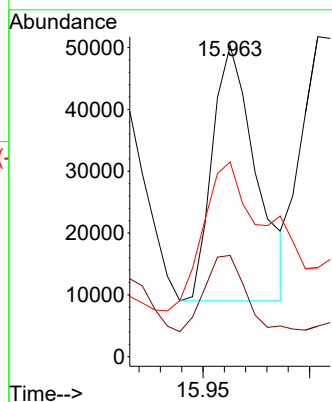
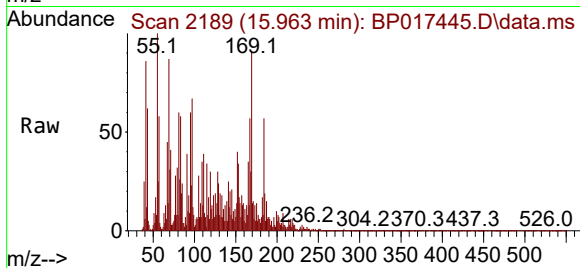
Tgt Ion:169 Resp: 58610

Ion Ratio Lower Upper

169 100

168 32.6 53.5 80.3#

167 62.7 30.0 45.0#



#72

Phenanthrene

Concen: 3.807 ng/ul

RT: 17.480 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP017445.D

Acq: 29 Sep 2023 14:29

Tgt Ion:178 Resp: 272771

Ion Ratio Lower Upper

178 100

179 19.7 12.7 19.1#

176 20.2 15.8 23.6

