

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061324\  
 Data File : BP020616.D  
 Acq On : 13 Jun 2024 18:06  
 Operator : MA/JU  
 Sample : P2864-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-H

Quant Time: Jun 13 18:37:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

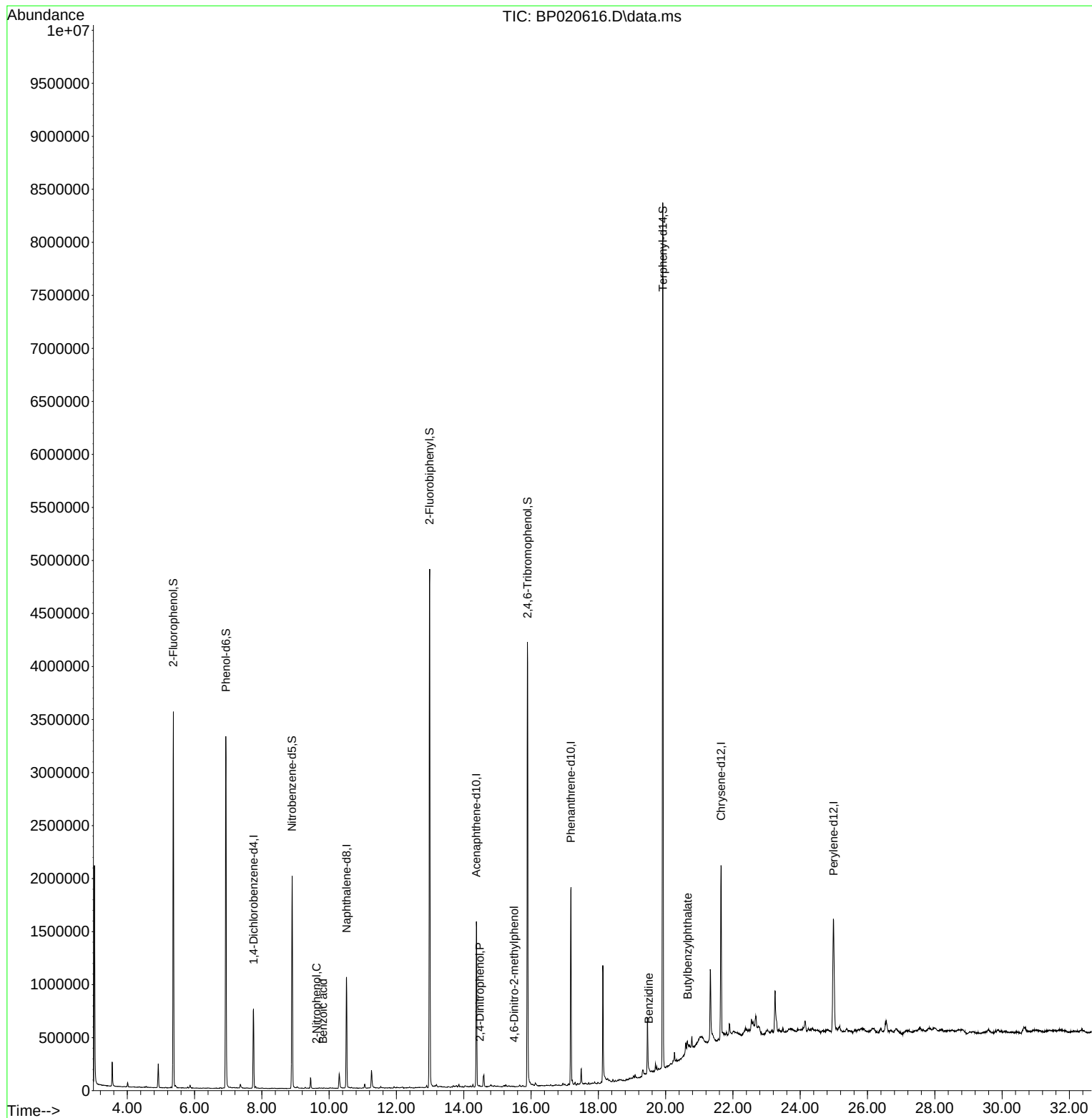
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.752  | 152  | 220557   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.516 | 136  | 861927   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.375 | 164  | 563014   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.187 | 188  | 1196240  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.645 | 240  | 1091666  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.992 | 264  | 1244035  | 20.000  | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.370  | 112  | 1498393  | 121.638 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.928  | 99   | 1969437  | 113.367 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.899  | 82   | 1198167  | 76.094  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 943849   | 161.535 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.987 | 172  | 2871229  | 76.023  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.916 | 244  | 4466022  | 68.104  | ng    | -0.03    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.622  | 139  | 138      | 3.811   | ng    | # 1      |
| 32) Benzoic acid              | 9.816  | 122  | 94       | 6.857   | ng    | # 40     |
| 54) 2,4-Dinitrophenol         | 14.481 | 184  | 784      | 5.240   | ng    | # 50     |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 82       | 7.666   | ng    | # 1      |
| 77) Benzidine                 | 19.498 | 184  | 210      | 5.975   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.657 | 149  | 2417     | 2.500   | ng    | # 86     |
| -----                         |        |      |          |         |       |          |

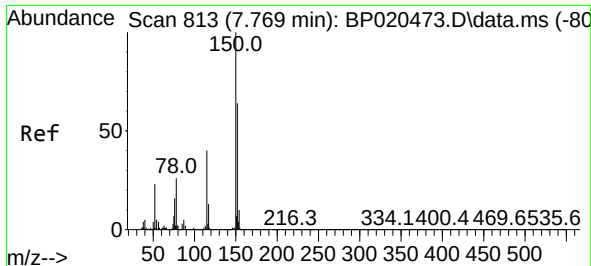
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061324\  
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Quant Time: Jun 13 18:37:04 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 30 03:41:03 2024  
Response via : Initial Calibration

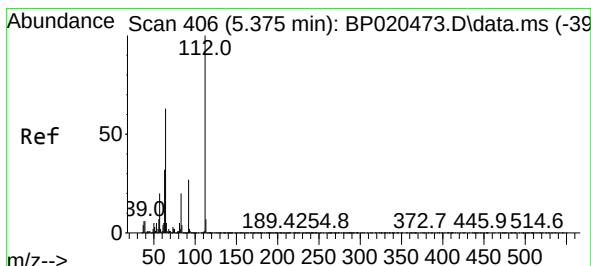
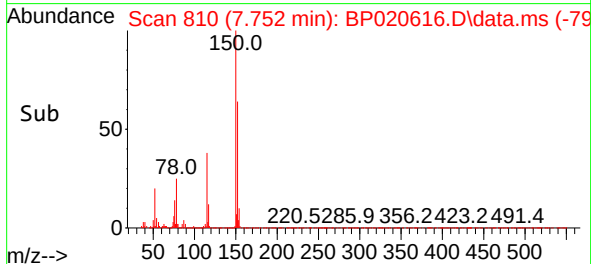
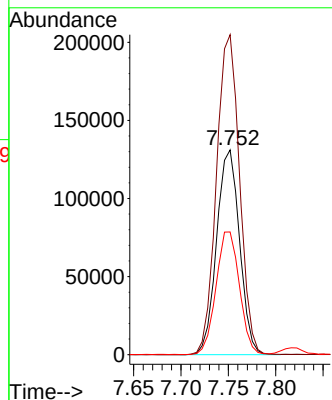
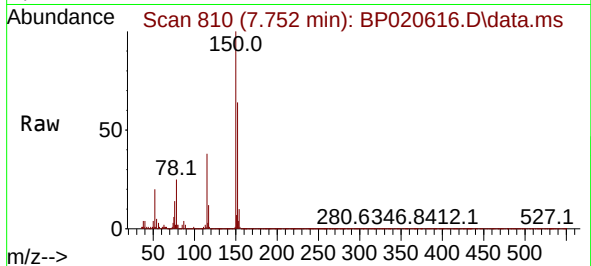




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.752 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

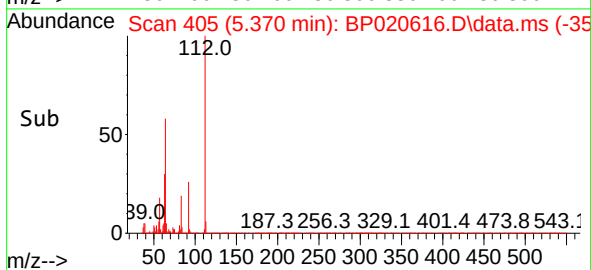
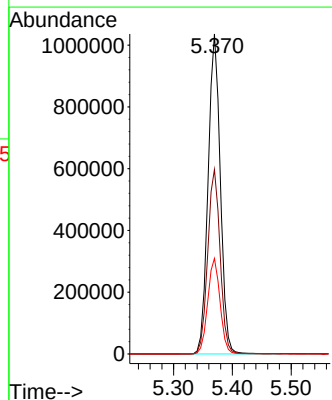
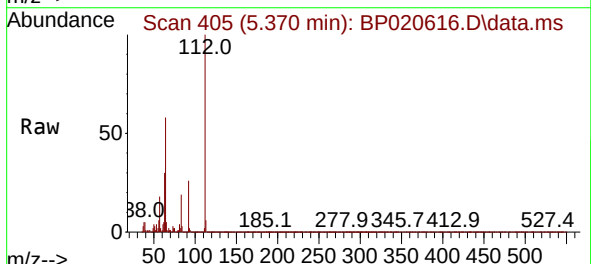
Instrument :  
BNA\_P  
ClientSampleId :  
WC-H

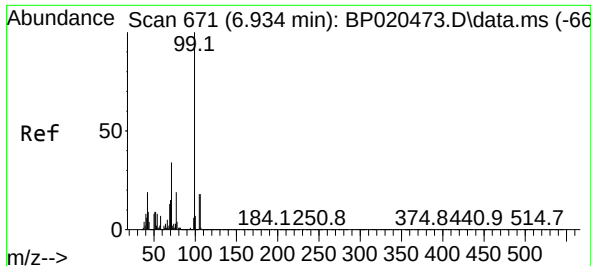
Tgt Ion:152 Resp: 220557  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.2 186.2  
115 59.9 49.5 74.3



#5  
2-Fluorophenol  
Concen: 121.638 ng  
RT: 5.370 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:112 Resp: 1498393  
Ion Ratio Lower Upper  
112 100  
64 57.7 50.1 75.1  
63 29.9 25.7 38.5

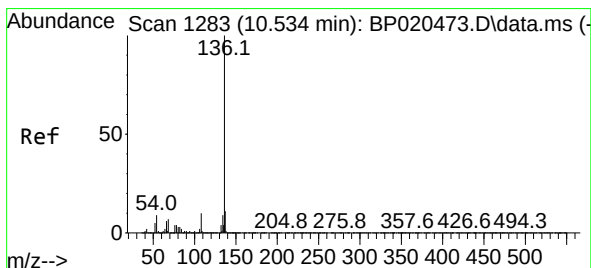
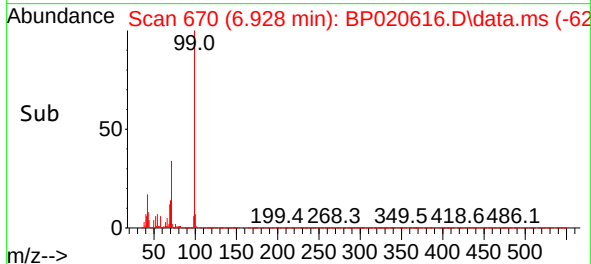
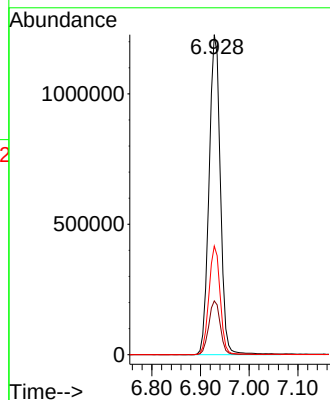
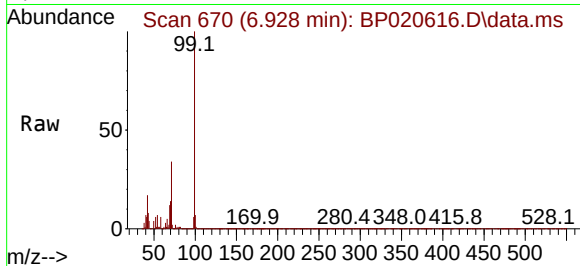




#7  
Phenol-d6  
Concen: 113.367 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

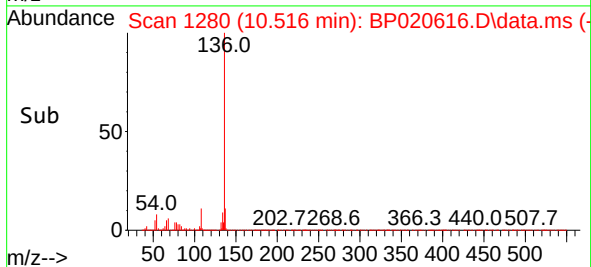
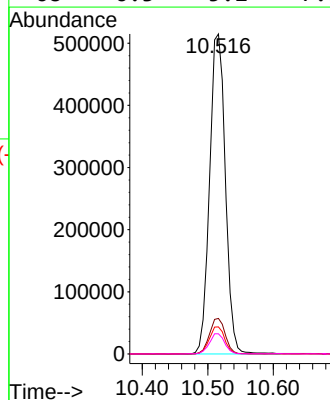
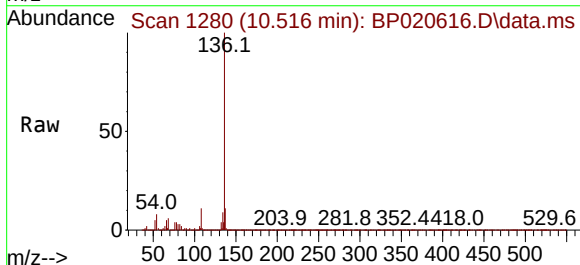
Instrument :  
BNA\_P  
ClientSampleId :  
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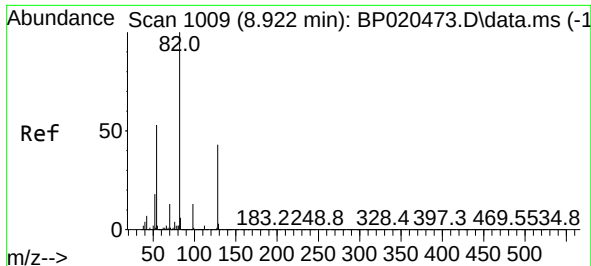
Tgt Ion: 99 Resp: 1969437  
Ion Ratio Lower Upper  
99 100  
42 16.8 15.0 22.4  
71 34.0 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.516 min Scan# 1280  
Delta R.T. -0.018 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion: 136 Resp: 861927  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.4 7.4 11.0  
68 6.3 5.2 7.8

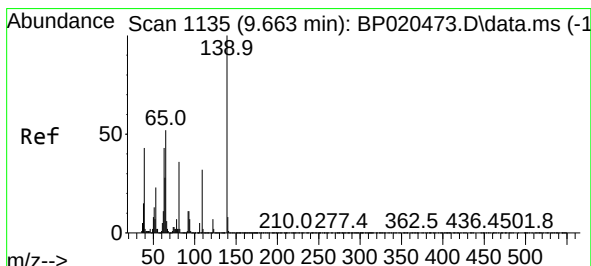
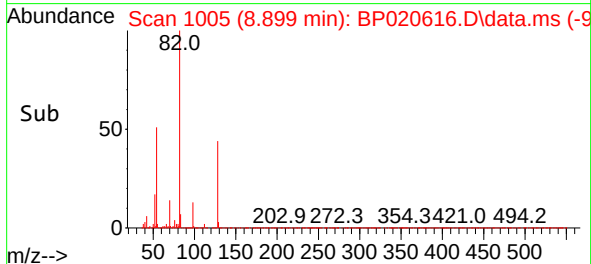
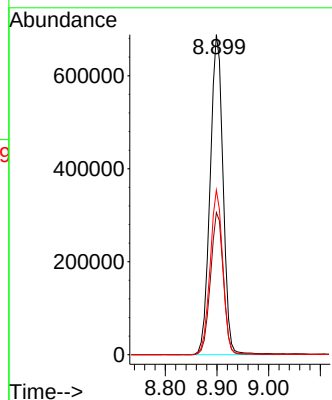
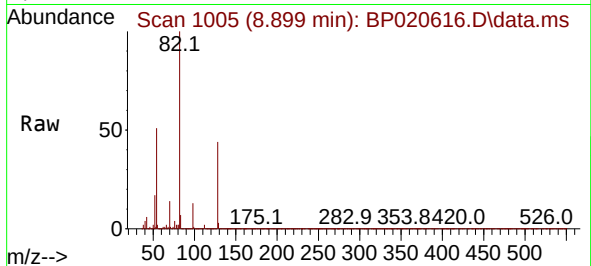




#23  
Nitrobenzene-d5  
Concen: 76.094 ng  
RT: 8.899 min Scan# 1105  
Delta R.T. -0.023 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

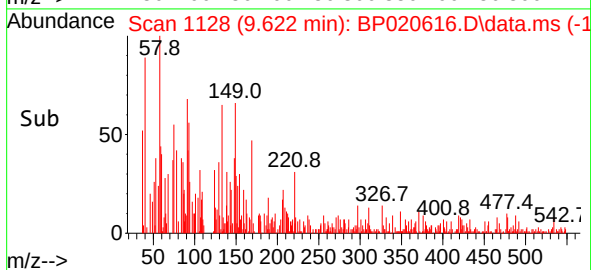
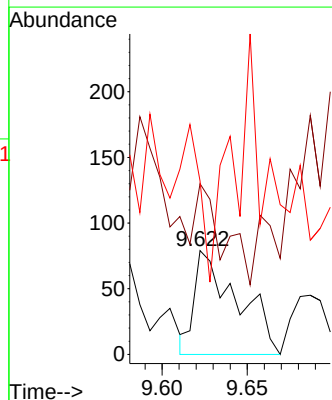
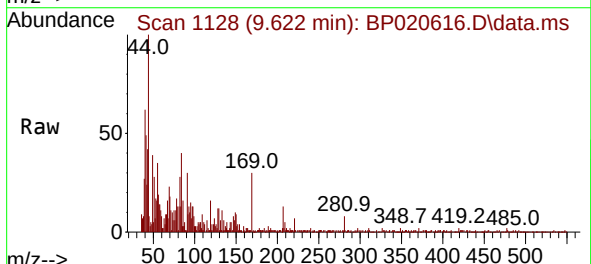
Instrument :  
BNA\_P  
ClientSampleId :  
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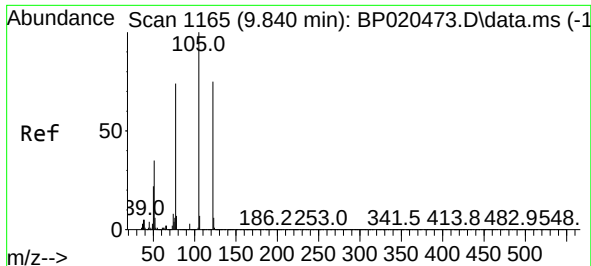
Tgt Ion: 82 Resp: 1198167  
Ion Ratio Lower Upper  
82 100  
128 44.4 34.2 51.4  
54 51.4 42.7 64.1



#26  
2-Nitrophenol  
Concen: 3.811 ng  
RT: 9.622 min Scan# 1128  
Delta R.T. -0.041 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:139 Resp: 138  
Ion Ratio Lower Upper  
139 100  
109 164.6 25.8 38.8#  
65 167.1 41.8 62.8#

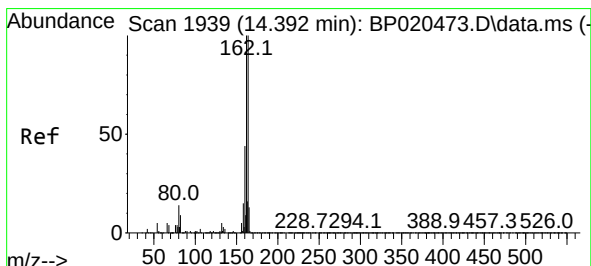
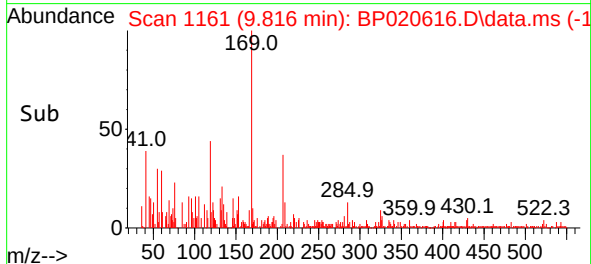
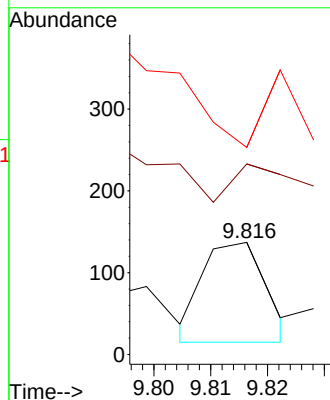
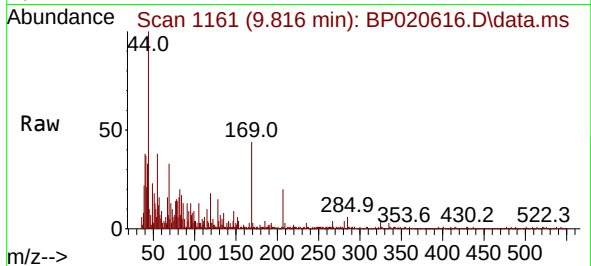




#32  
Benzoic acid  
Concen: 6.857 ng  
RT: 9.816 min Scan# 1161  
Delta R.T. -0.024 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

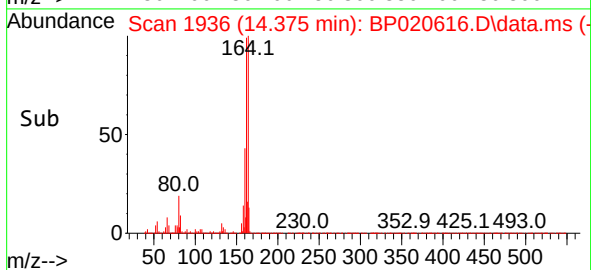
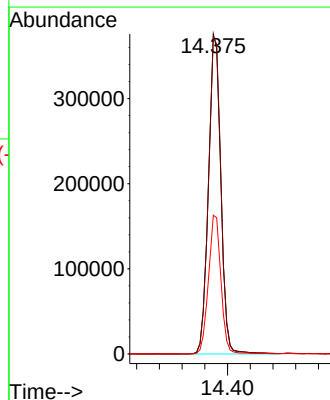
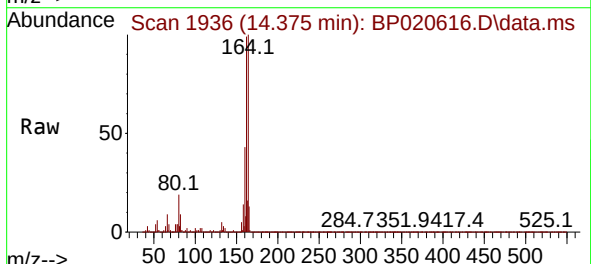
Instrument :  
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WC-H

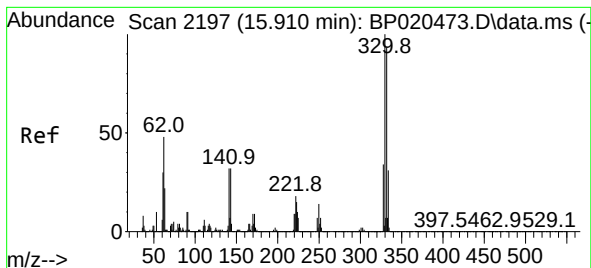
Tgt Ion:122 Resp: 94  
Ion Ratio Lower Upper  
122 100  
105 170.1 107.5 147.5#  
77 184.7 76.1 116.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.375 min Scan# 1936  
Delta R.T. -0.017 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:164 Resp: 563014  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.3 120.5  
160 43.4 35.4 53.2

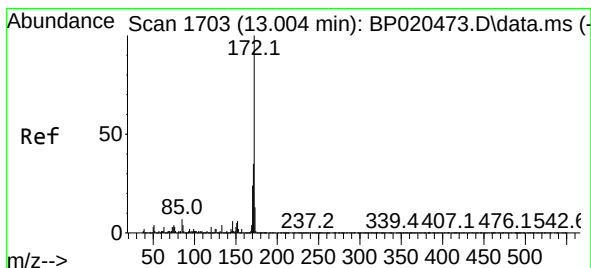
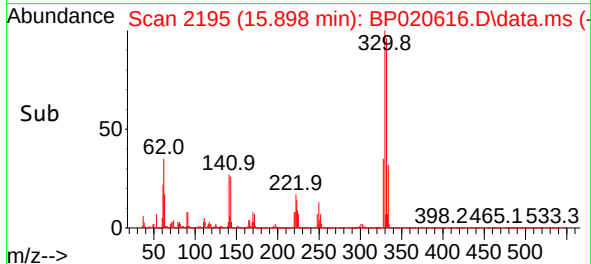
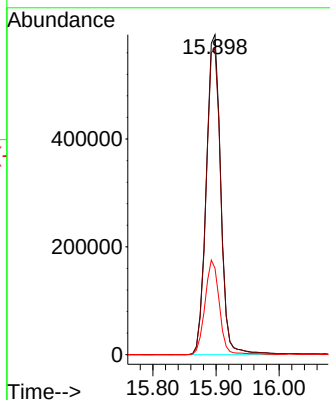
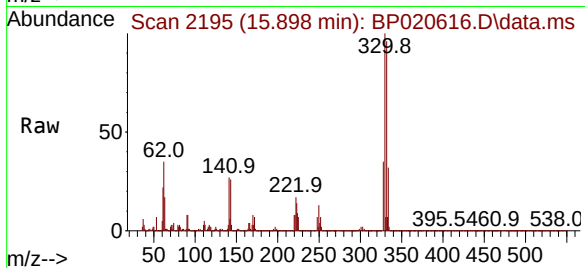




#42  
2,4,6-Tribromophenol  
Concen: 161.535 ng  
RT: 15.898 min Scan# 2197  
Delta R.T. -0.012 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

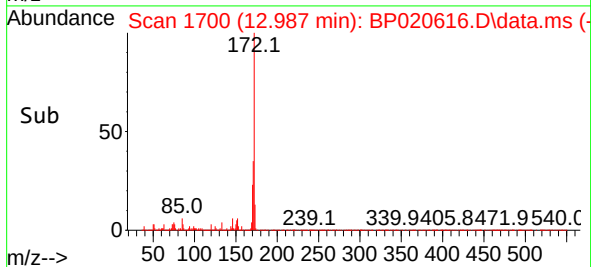
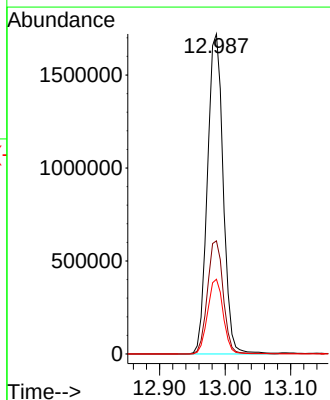
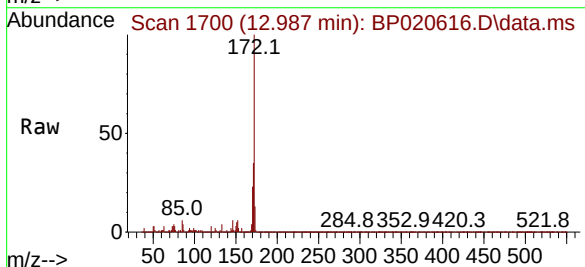
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ClientSampleId :  
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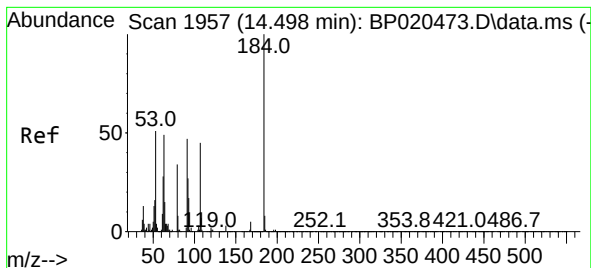
Tgt Ion:330 Resp: 943849  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.6 114.8  
141 29.3 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 76.023 ng  
RT: 12.987 min Scan# 1700  
Delta R.T. -0.018 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:172 Resp: 2871229  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.4 42.6  
170 23.3 18.9 28.3

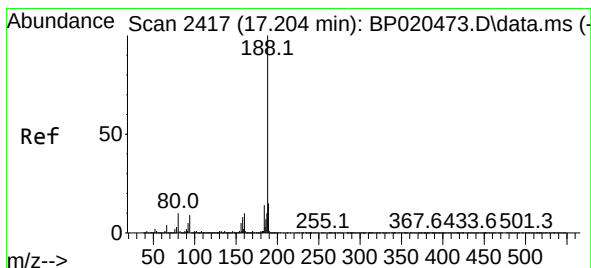
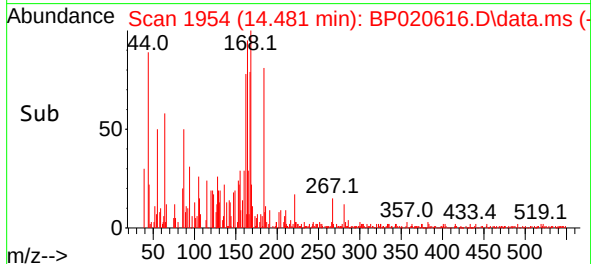
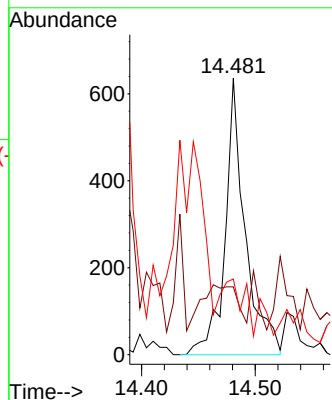
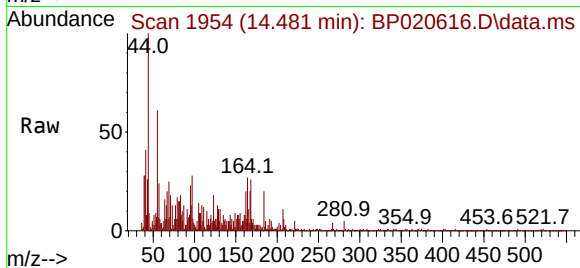




#54  
 2,4-Dinitrophenol  
 Concen: 5.240 ng  
 RT: 14.481 min Scan# 1954  
 Delta R.T. -0.017 min  
 Lab File: BP020616.D  
 Acq: 13 Jun 2024 18:06

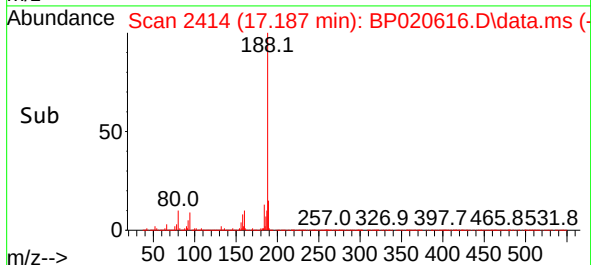
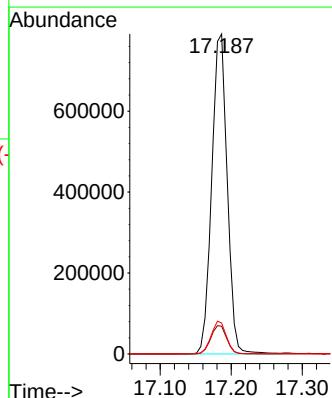
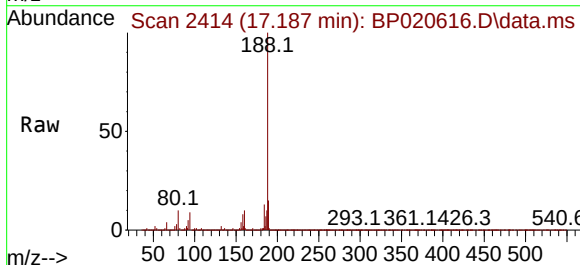
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-H

Tgt Ion:184 Resp: 784  
 Ion Ratio Lower Upper  
 184 100  
 63 24.5 54.2 81.4#  
 154 27.4 51.0 76.6#

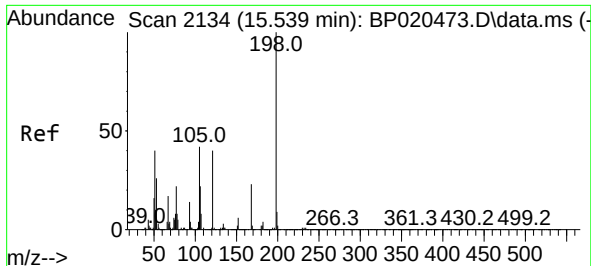


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.187 min Scan# 2414  
 Delta R.T. -0.018 min  
 Lab File: BP020616.D  
 Acq: 13 Jun 2024 18:06

Tgt Ion:188 Resp: 1196240  
 Ion Ratio Lower Upper  
 188 100  
 94 8.7 7.2 10.8  
 80 9.6 8.1 12.1



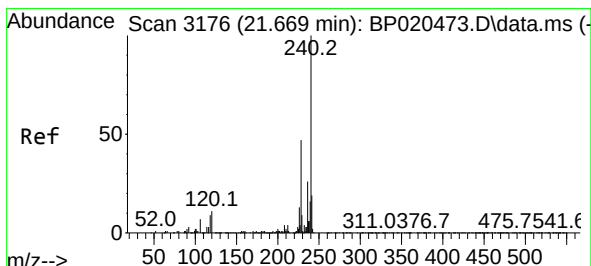
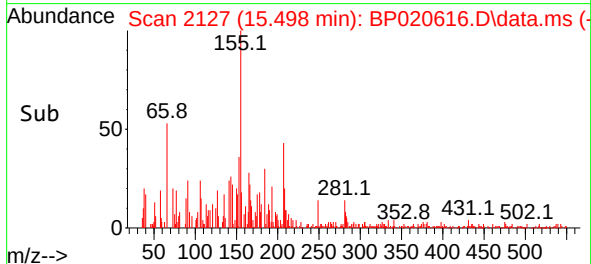
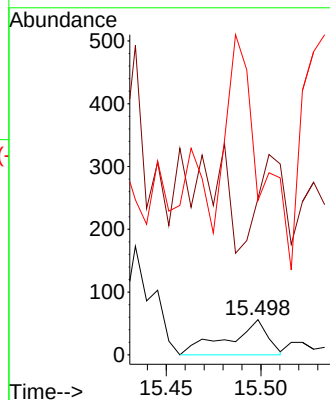
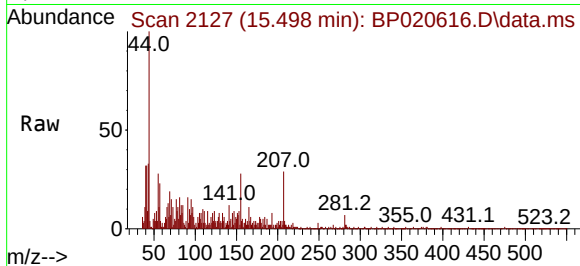




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.666 ng  
RT: 15.498 min Scan# 2134  
Delta R.T. -0.041 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

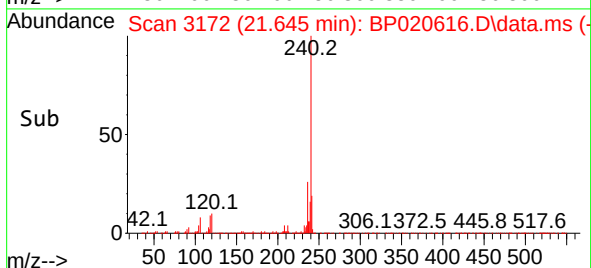
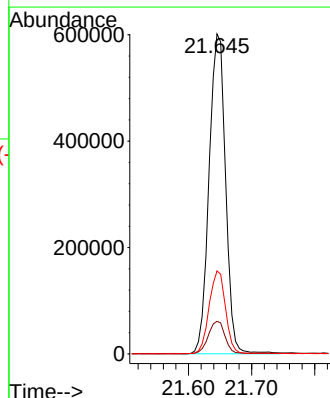
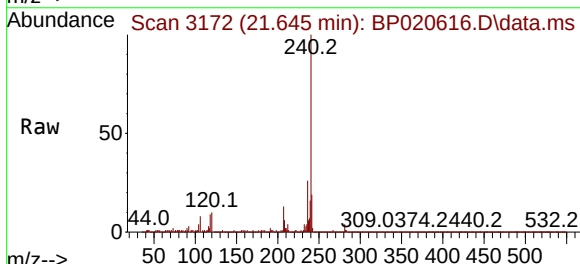
Instrument :  
BNA\_P  
ClientSampleId :  
WC-H

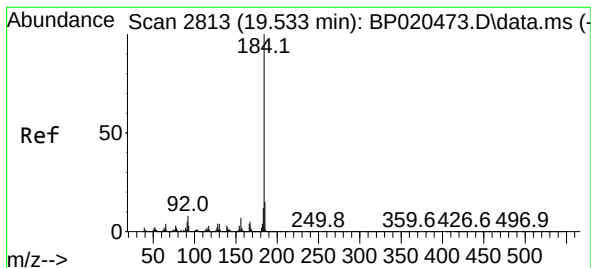
Tgt Ion:198 Resp: 82  
Ion Ratio Lower Upper  
198 100  
51 444.6 24.8 64.8#  
105 439.3 23.2 63.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.645 min Scan# 3172  
Delta R.T. -0.023 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:240 Resp: 1091666  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.5 12.7  
236 25.9 20.5 30.7





#77

Benzidine

Concen: 5.975 ng

RT: 19.498 min Scan# 2807

Delta R.T. -0.035 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

Instrument :

BNA\_P

ClientSampleId :

WC-H

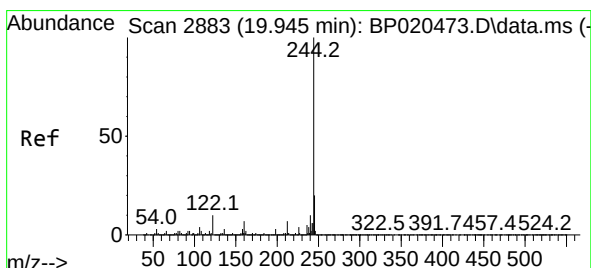
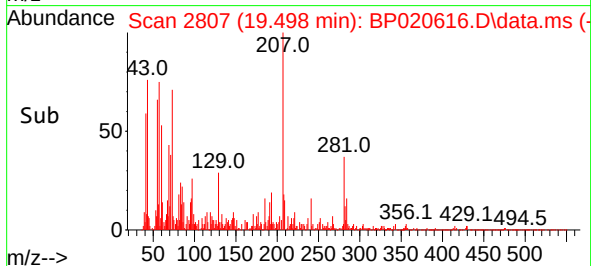
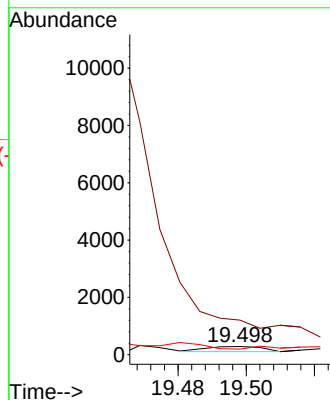
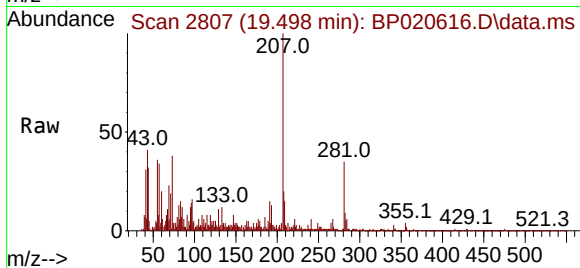
Tgt Ion:184 Resp: 210

Ion Ratio Lower Upper

184 100

185 422.8 12.0 18.0#

183 68.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 68.104 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.029 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

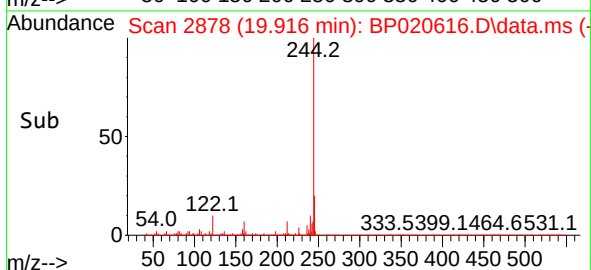
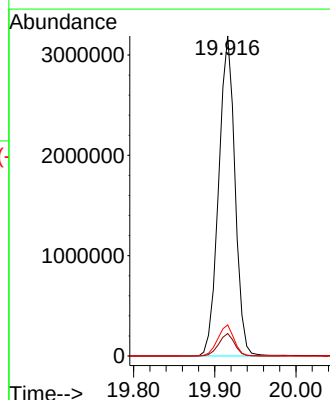
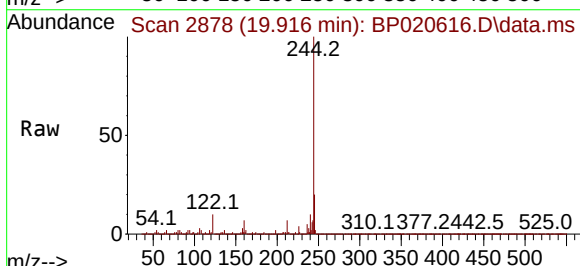
Tgt Ion:244 Resp: 4466022

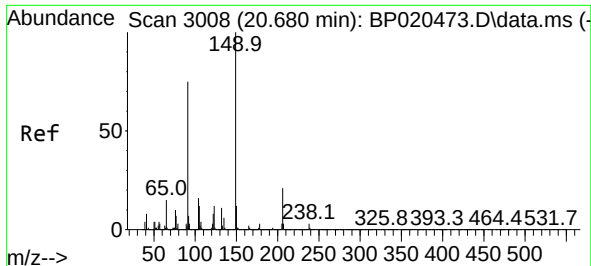
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.2 12.2

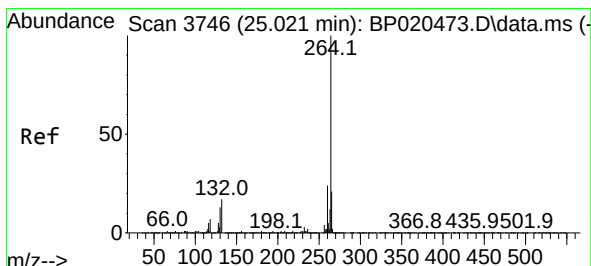
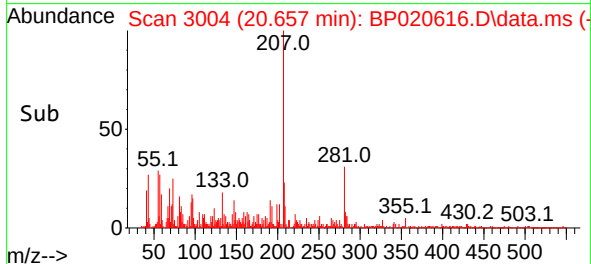
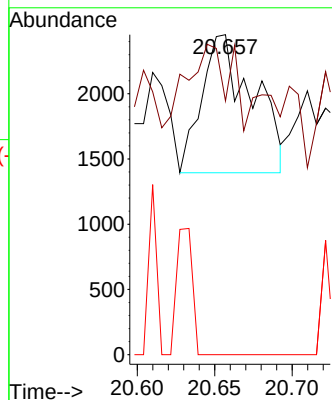
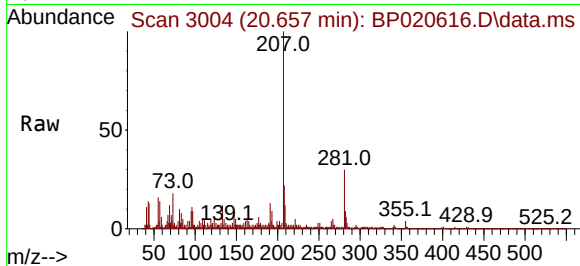




#80  
Butylbenzylphthalate  
Concen: 2.500 ng  
RT: 20.657 min Scan# 3008  
Delta R.T. -0.023 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Instrument :  
BNA\_P  
ClientSampleId :  
WC-H

Tgt Ion:149 Resp: 2417  
Ion Ratio Lower Upper  
149 100  
91 79.3 60.0 90.0  
206 0.0 16.6 25.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.992 min Scan# 3741  
Delta R.T. -0.029 min  
Lab File: BP020616.D  
Acq: 13 Jun 2024 18:06

Tgt Ion:264 Resp: 1244035  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.9 28.3  
265 22.2 17.4 26.0

