

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091422\  
 Data File : BP011704.D  
 Acq On : 14 Sep 2022 20:46  
 Operator : CG/JU  
 Sample : PB147629BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147629BL

Quant Time: Sep 15 05:30:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 19:12:50 2022  
 Response via : Initial Calibration

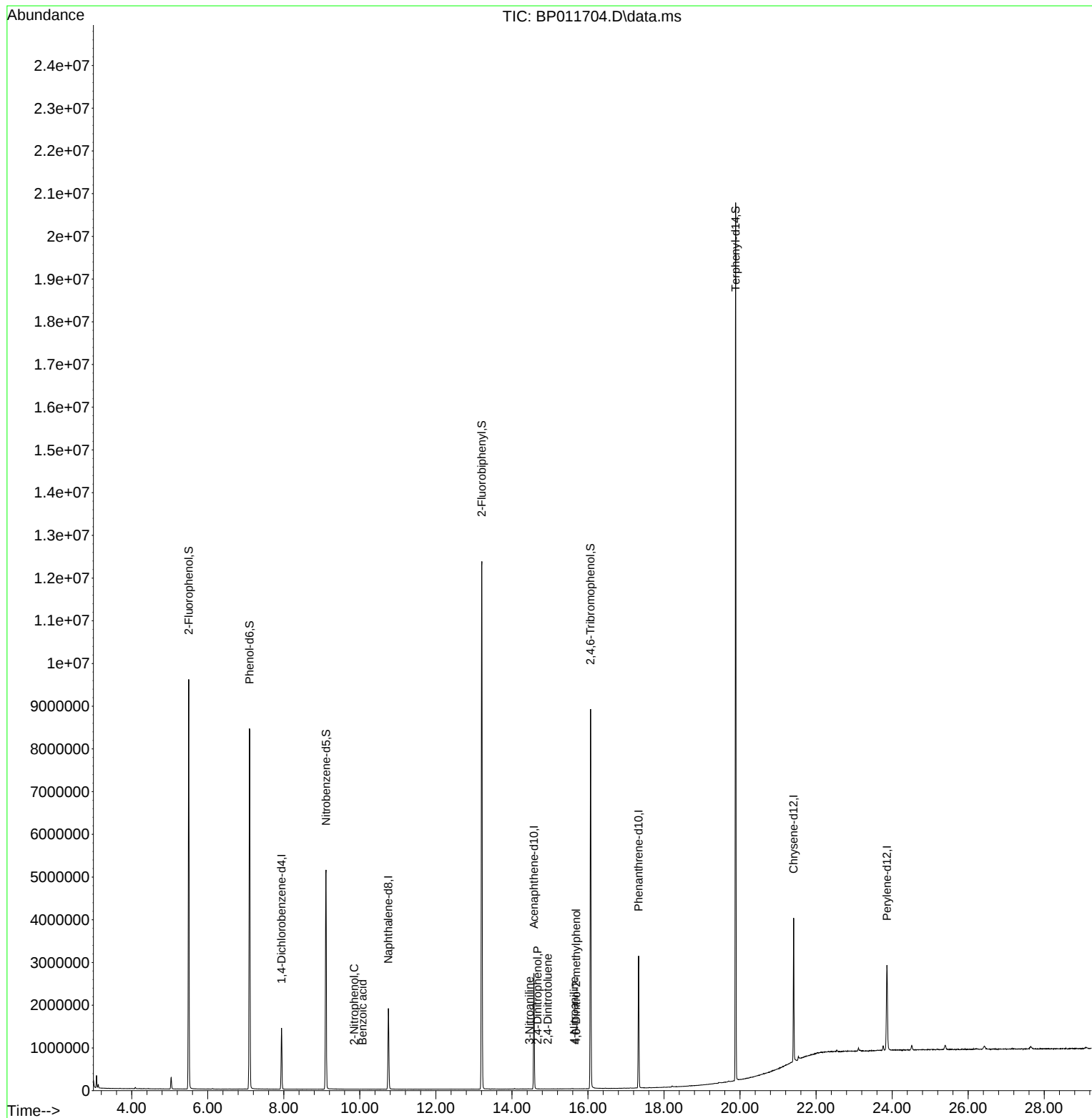
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 389101   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.751 | 136  | 1596853  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.581 | 164  | 896655   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.333 | 188  | 1759976  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.410 | 240  | 1492810  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.862 | 264  | 1407729  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 4236408  | 198.178 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.099  | 99   | 5349708  | 187.739 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.110  | 82   | 3038313  | 112.843 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.069 | 330  | 1348605  | 192.496 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.210 | 172  | 6532134  | 113.241 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.886 | 244  | 9085592  | 132.350 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.851  | 139  | 8        | 3.567   | ng    | # 1      |
| 32) Benzoic acid              | 10.069 | 122  | 22       | 6.637   | ng    | # 1      |
| 53) 3-Nitroaniline            | 14.457 | 138  | 20       | 2.386   | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 14.675 | 184  | 12       | 6.582   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.945 | 165  | 180      | 2.997   | ng    | # 49     |
| 62) 4-Nitroaniline            | 15.639 | 138  | 25       | 2.729   | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 34       | 5.856   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

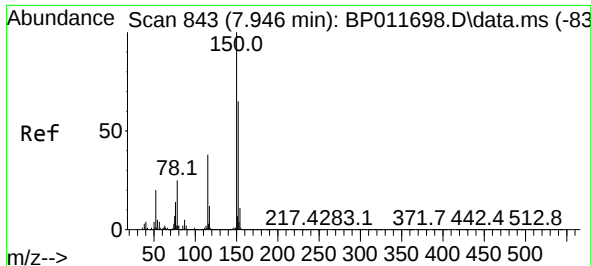
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091422\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 14 19:12:50 2022  
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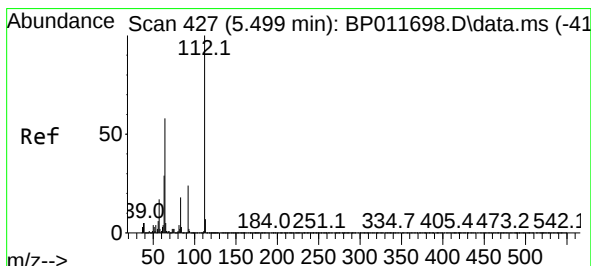
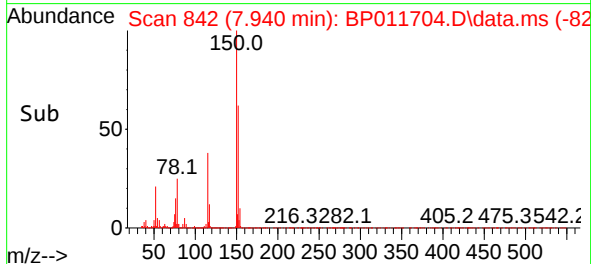
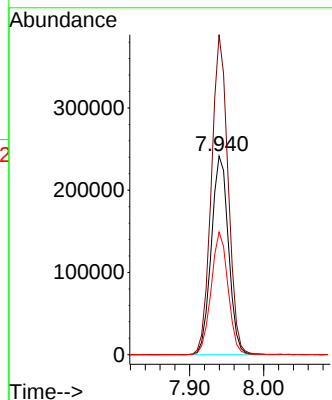
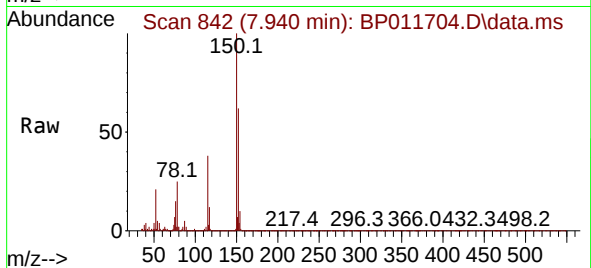




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.940 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

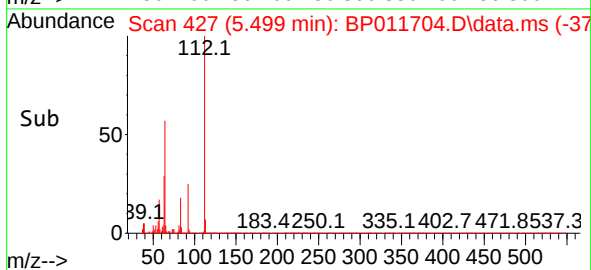
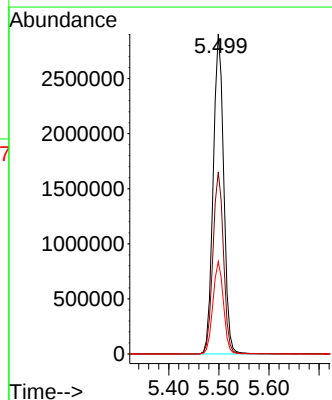
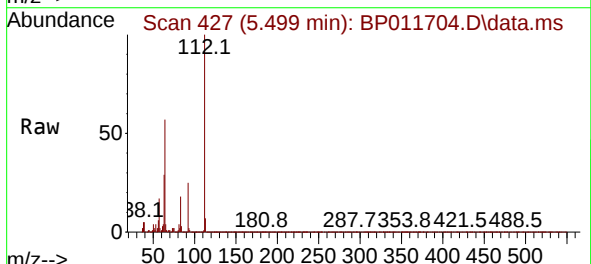
Instrument :  
BNA\_P  
ClientSampleId :  
PB147629BL

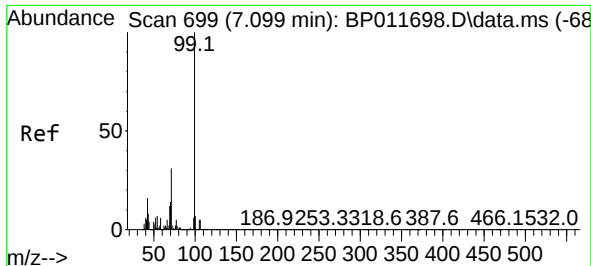
Tgt Ion:152 Resp: 389101  
Ion Ratio Lower Upper  
152 100  
150 161.1 123.4 185.2  
115 61.8 51.3 76.9



#5  
2-Fluorophenol  
Concen: 198.178 ng  
RT: 5.499 min Scan# 427  
Delta R.T. -0.000 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion:112 Resp: 4236408  
Ion Ratio Lower Upper  
112 100  
64 56.9 56.9 85.3  
63 28.8 31.2 46.8#



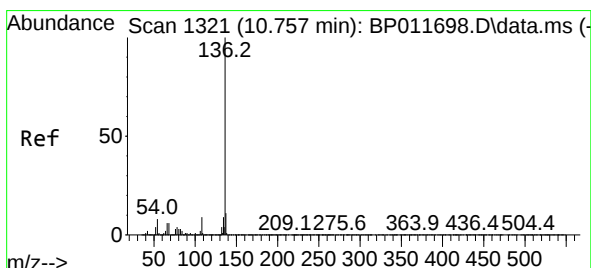
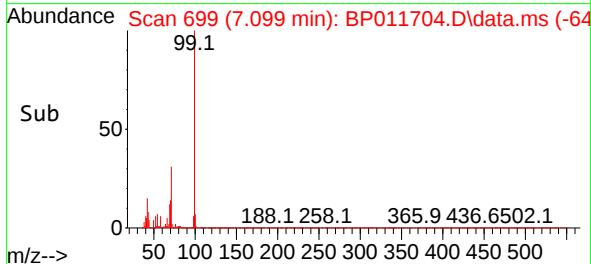
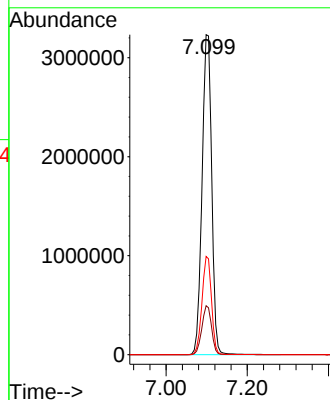
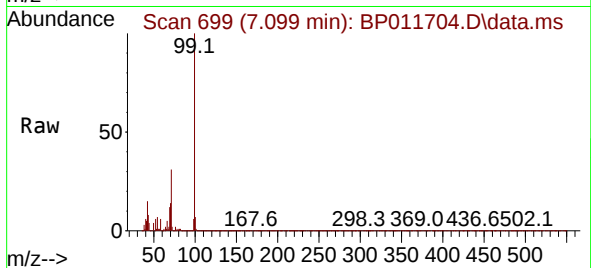


#7  
Phenol-d6  
Concen: 187.739 ng  
RT: 7.099 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Instrument :  
BNA\_P  
ClientSampleId :  
PB147629BL

Tgt Ion: 99 Resp: 5349708

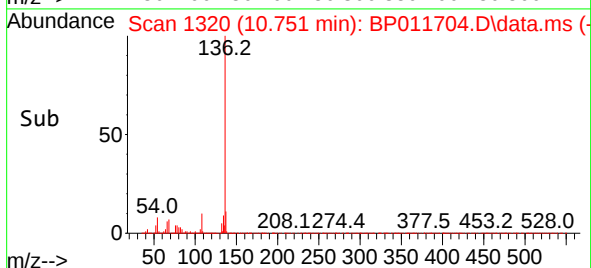
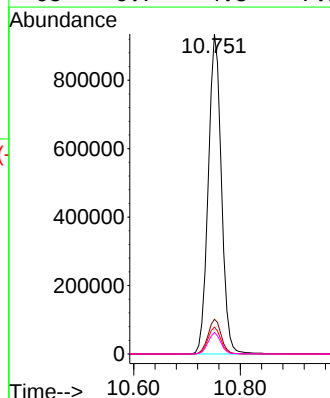
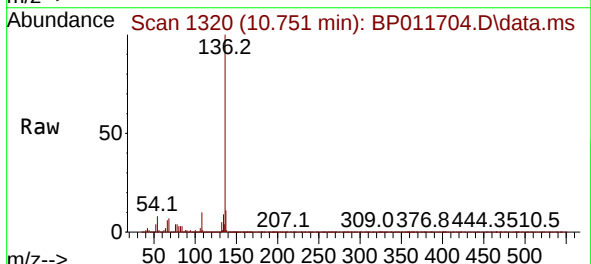
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.3  | 20.3  | 30.5# |
| 71  | 30.7  | 33.9  | 50.9# |

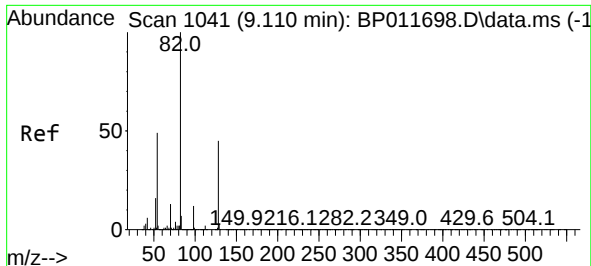


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.751 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion: 136 Resp: 1596853

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.4  |
| 54  | 8.4   | 8.7   | 13.1# |
| 68  | 6.7   | 4.8   | 7.2   |

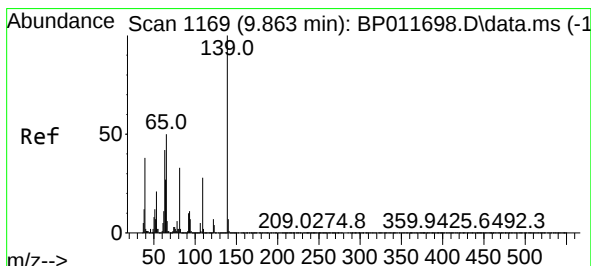
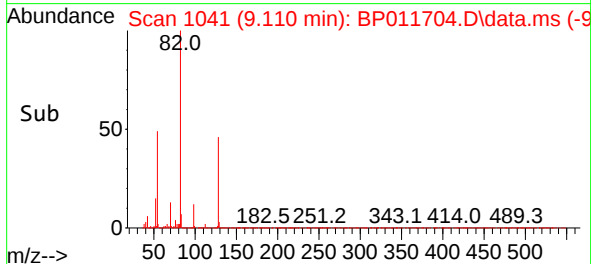
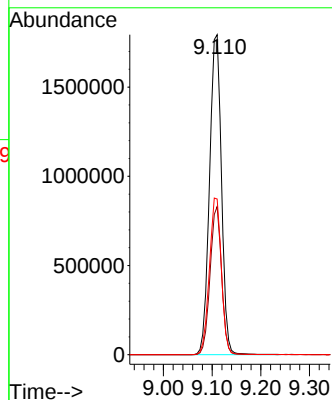
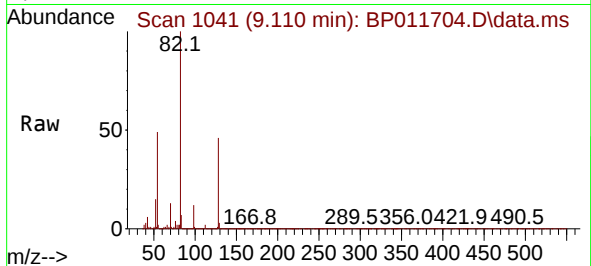




#23  
Nitrobenzene-d5  
Concen: 112.843 ng  
RT: 9.110 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

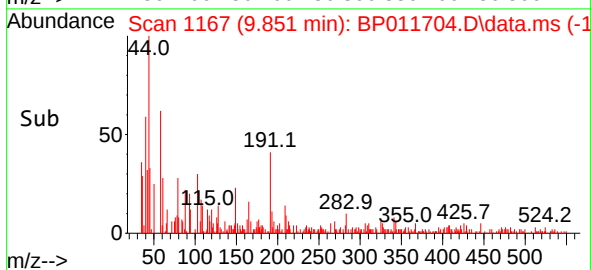
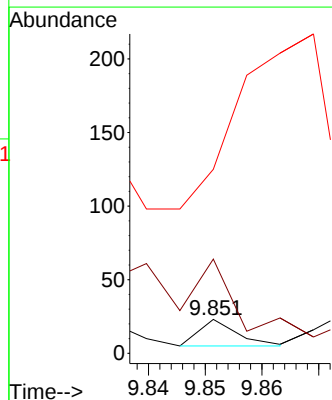
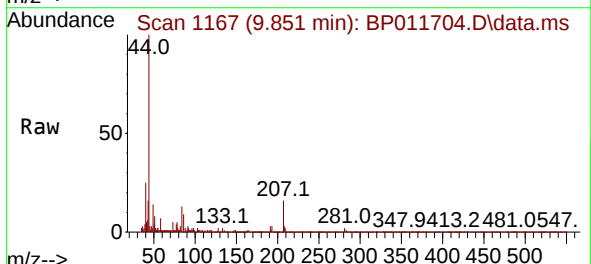
Instrument :  
BNA\_P  
ClientSampleId :  
PB147629BL

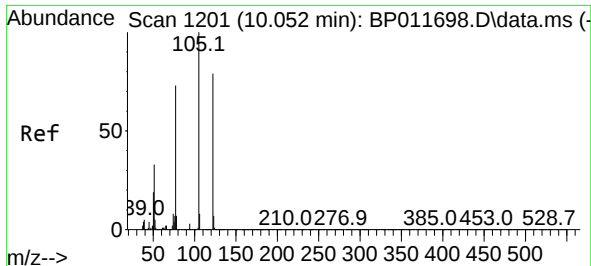
Tgt Ion: 82 Resp: 3038313  
Ion Ratio Lower Upper  
82 100  
128 46.3 31.3 46.9  
54 48.6 49.8 74.8#



#26  
2-Nitrophenol  
Concen: 3.567 ng  
RT: 9.851 min Scan# 1167  
Delta R.T. -0.012 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion:139 Resp: 8  
Ion Ratio Lower Upper  
139 100  
109 278.3 30.2 45.4#  
65 543.5 52.2 78.2#

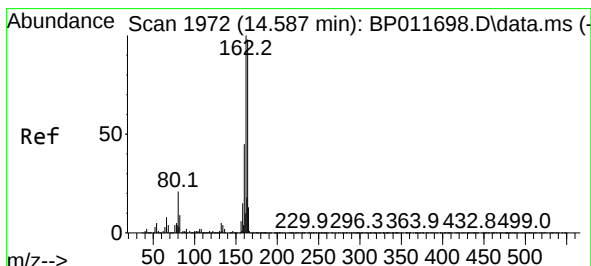
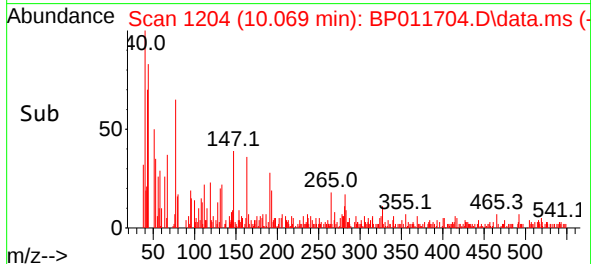
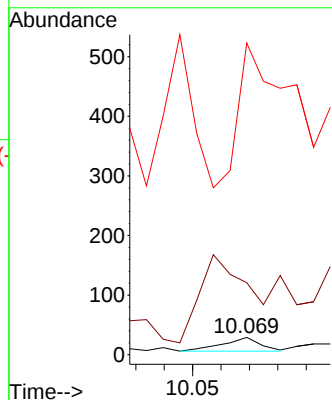
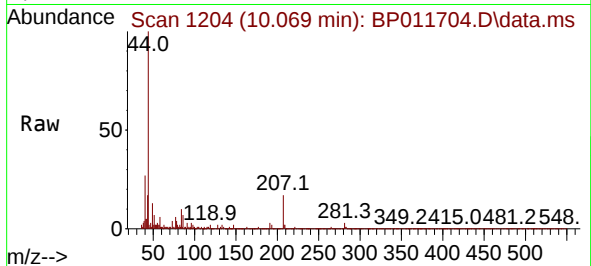




#32  
Benzoic acid  
Concen: 6.637 ng  
RT: 10.069 min Scan# 11  
Delta R.T. 0.017 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

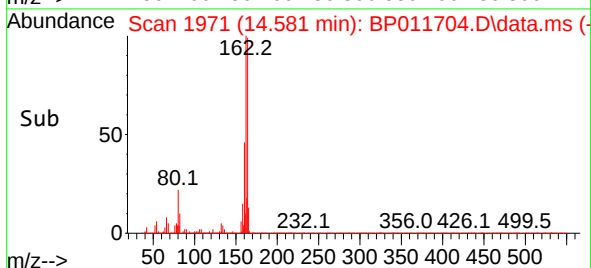
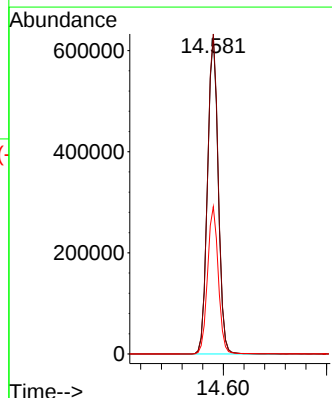
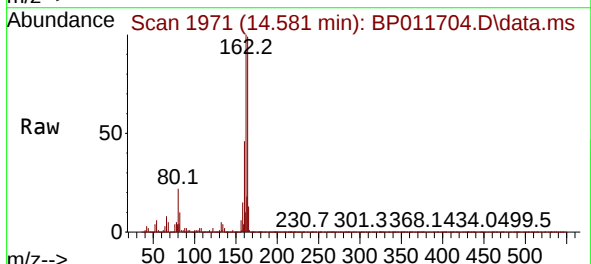
Instrument :  
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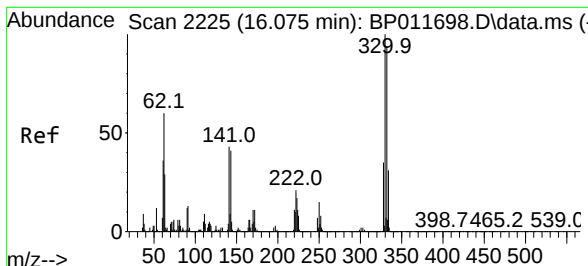
Tgt Ion:122 Resp: 22  
Ion Ratio Lower Upper  
122 100  
105 417.2 112.6 152.6#  
77 1803.4 90.2 130.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.581 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion:164 Resp: 896655  
Ion Ratio Lower Upper  
164 100  
162 101.0 81.9 122.9  
160 46.5 34.6 51.8

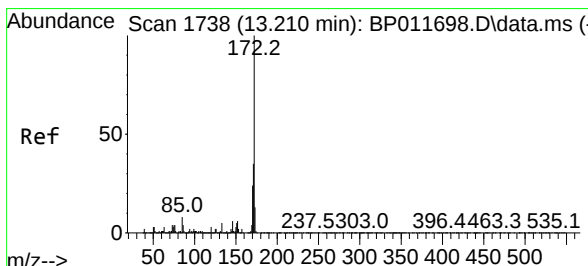
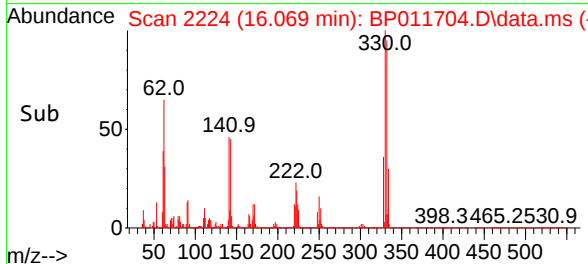
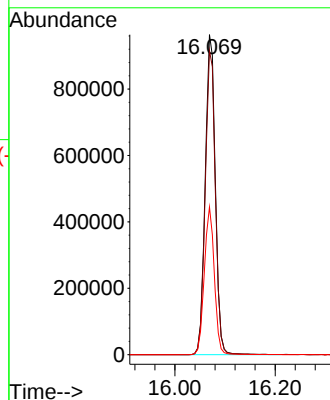
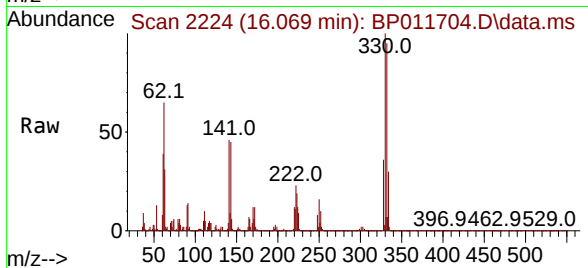




#42  
2,4,6-Tribromophenol  
Concen: 192.496 ng  
RT: 16.069 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

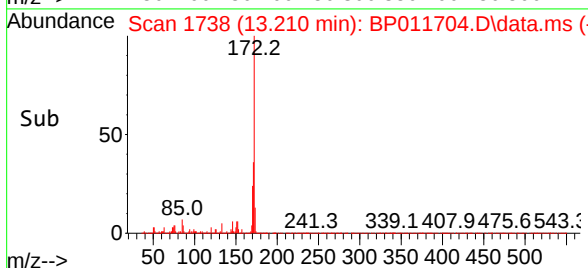
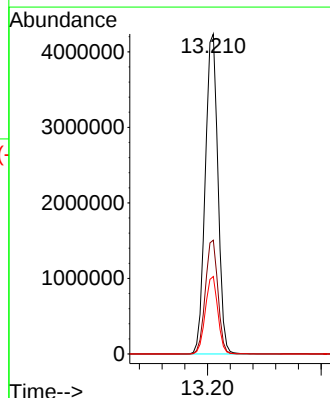
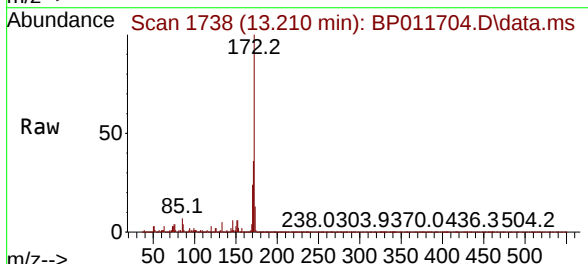
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ClientSampleId :  
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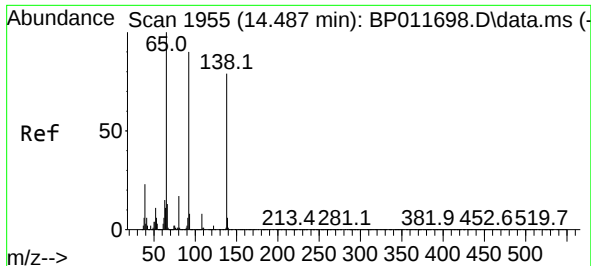
Tgt Ion:330 Resp: 1348605  
Ion Ratio Lower Upper  
330 100  
332 95.3 78.1 117.1  
141 46.0 31.4 47.2



#45  
2-Fluorobiphenyl  
Concen: 113.241 ng  
RT: 13.210 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion:172 Resp: 6532134  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 24.2 18.2 27.2

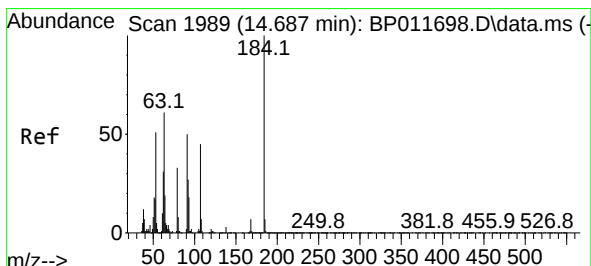
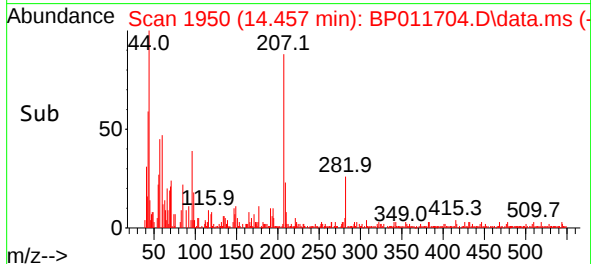
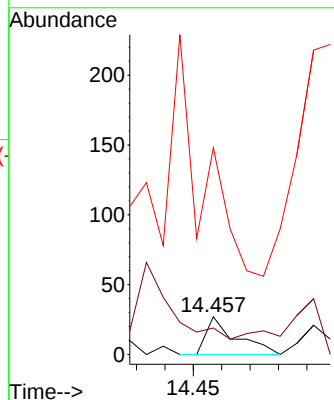
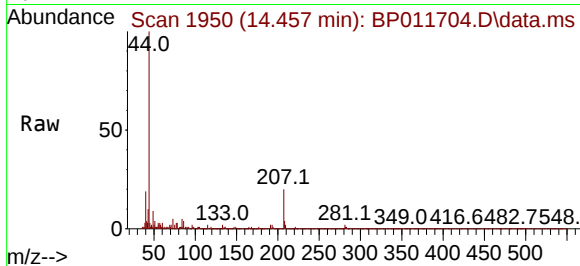




#53  
3-Nitroaniline  
Concen: 2.386 ng  
RT: 14.457 min Scan# 1955  
Delta R.T. -0.030 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

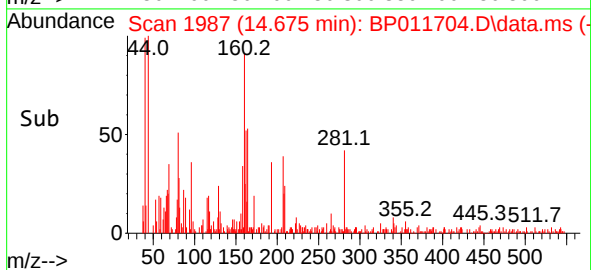
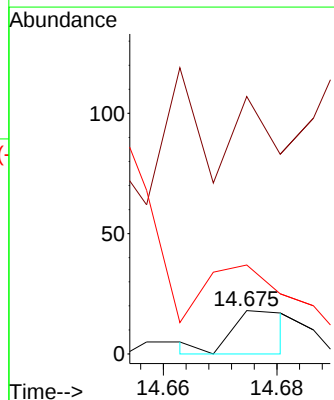
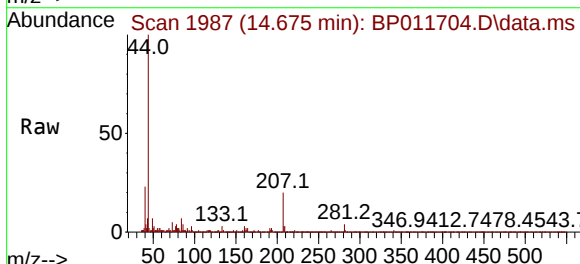
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BNA\_P  
ClientSampleId :  
PB147629BL

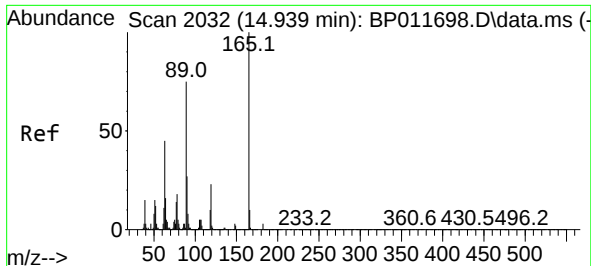
Tgt Ion:138 Resp: 20  
Ion Ratio Lower Upper  
138 100  
108 70.4 9.5 14.3#  
92 548.1 99.9 149.9#



#54  
2,4-Dinitrophenol  
Concen: 6.582 ng  
RT: 14.675 min Scan# 1987  
Delta R.T. -0.012 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

Tgt Ion:184 Resp: 12  
Ion Ratio Lower Upper  
184 100  
63 594.4 65.4 98.2#  
154 205.6 55.4 83.2#

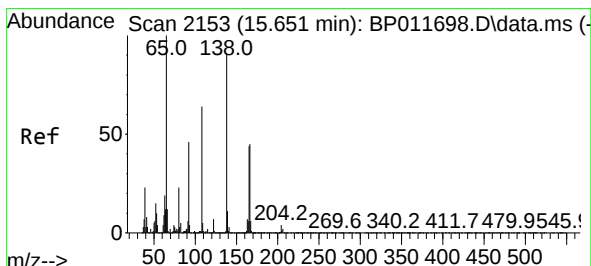
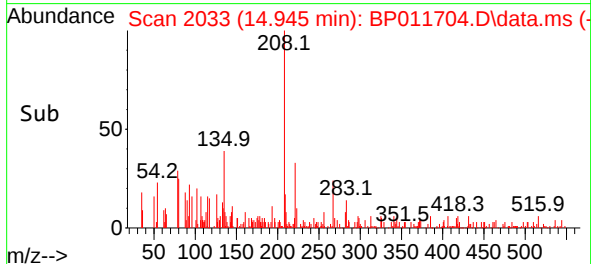
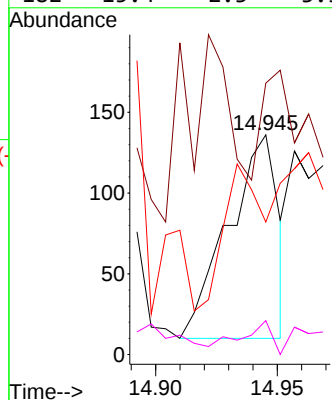
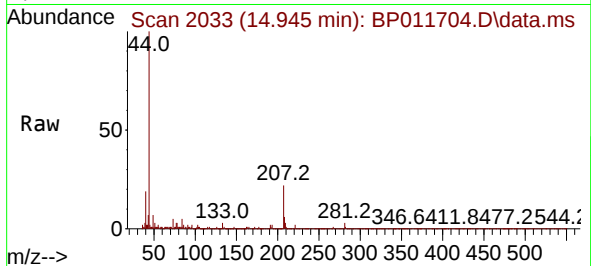




#57  
2,4-Dinitrotoluene  
Concen: 2.997 ng  
RT: 14.945 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

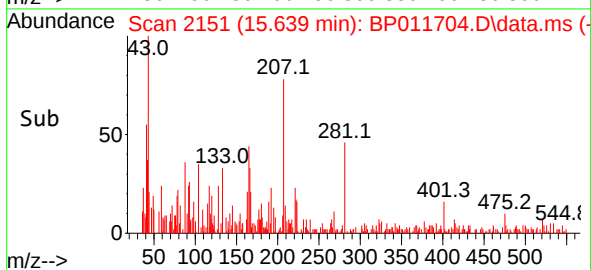
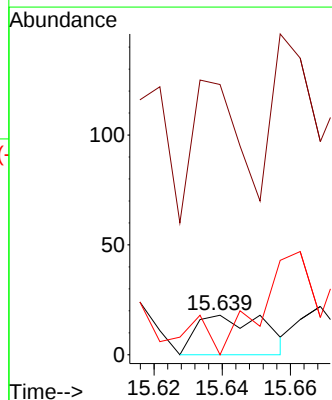
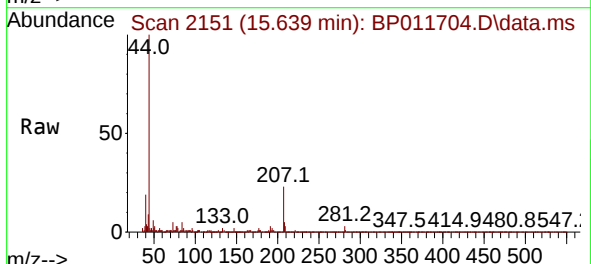
Instrument :  
BNA\_P  
ClientSampleId :  
PB147629BL

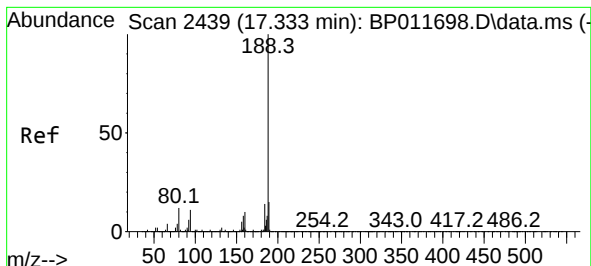
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 180   |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 123.5 | 46.2  | 69.2# |
| 89        | 60.3  | 65.8  | 98.8# |
| 182       | 15.4  | 2.3   | 3.5#  |



#62  
4-Nitroaniline  
Concen: 2.729 ng  
RT: 15.639 min Scan# 2151  
Delta R.T. -0.012 min  
Lab File: BP011704.D  
Acq: 14 Sep 2022 20:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 25     |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 683.3 | 38.0  | 78.0#  |
| 108       | 0.0   | 77.6  | 117.6# |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP011704.D

Acq: 14 Sep 2022 20:46

Instrument :

BNA\_P

ClientSampleId :

PB147629BL

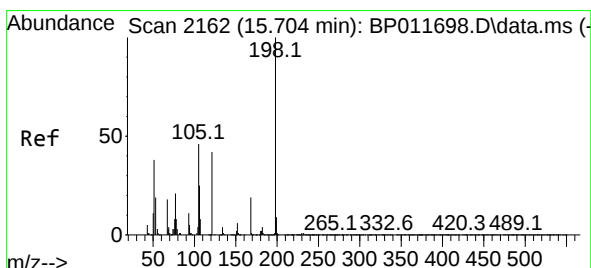
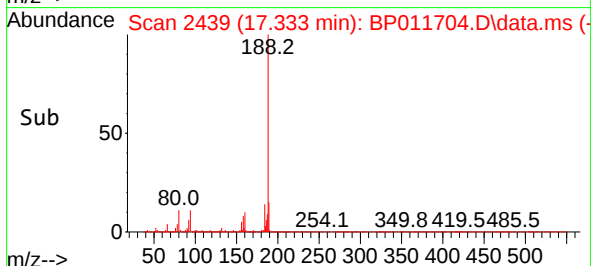
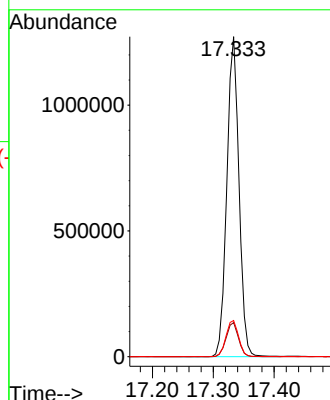
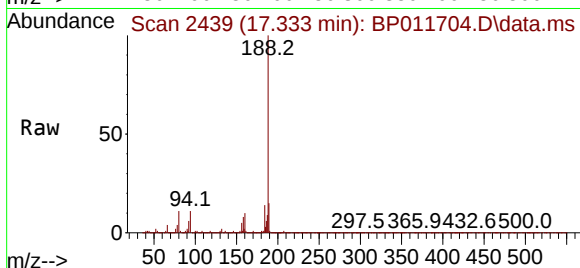
Tgt Ion:188 Resp: 1759976

Ion Ratio Lower Upper

188 100

94 10.7 6.6 10.0#

80 11.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 15.692 min Scan# 2160

Delta R.T. -0.012 min

Lab File: BP011704.D

Acq: 14 Sep 2022 20:46

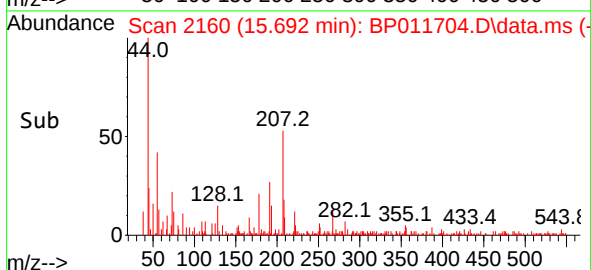
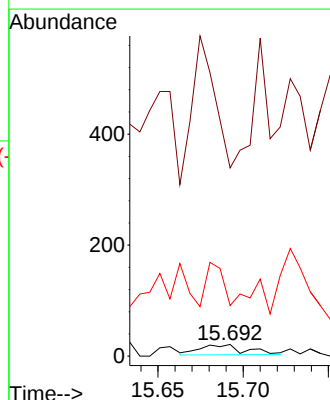
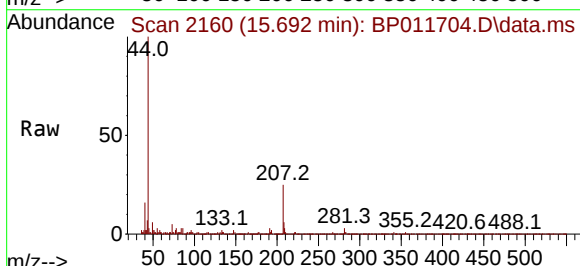
Tgt Ion:198 Resp: 34

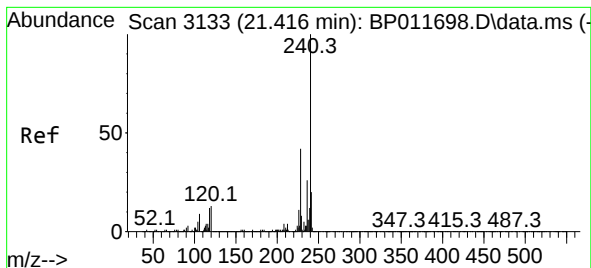
Ion Ratio Lower Upper

198 100

51 1614.3 41.2 81.2#

105 433.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011704.D

Acq: 14 Sep 2022 20:46

Instrument :

BNA\_P

ClientSampleId :

PB147629BL

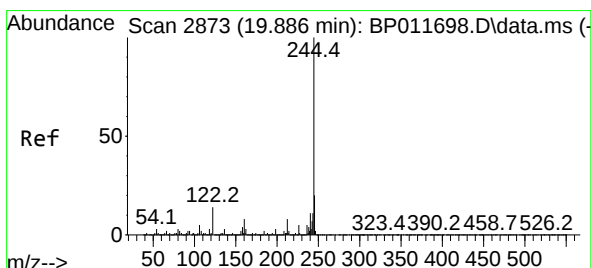
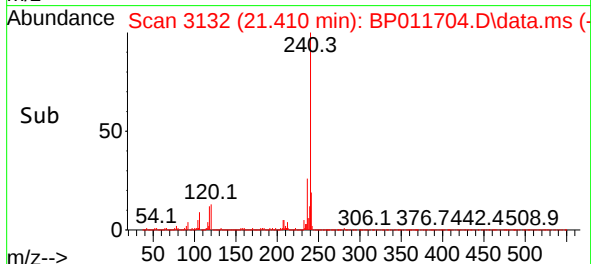
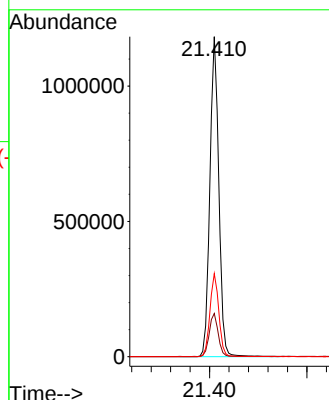
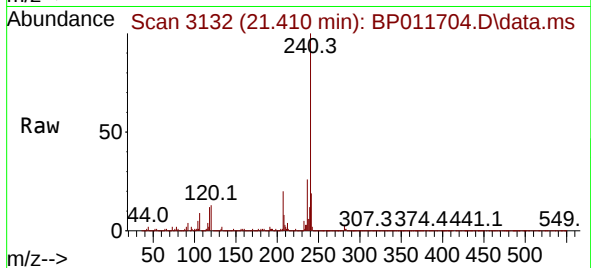
Tgt Ion:240 Resp: 1492810

Ion Ratio Lower Upper

240 100

120 13.5 8.6 12.8#

236 26.0 19.8 29.6



#79

Terphenyl-d14

Concen: 132.350 ng

RT: 19.886 min Scan# 2873

Delta R.T. -0.000 min

Lab File: BP011704.D

Acq: 14 Sep 2022 20:46

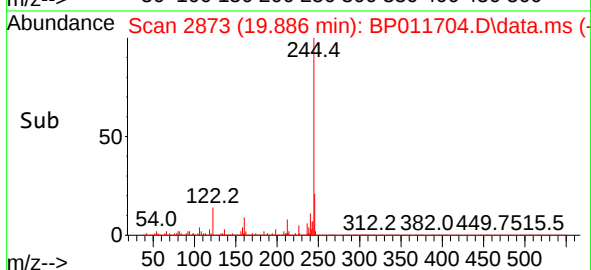
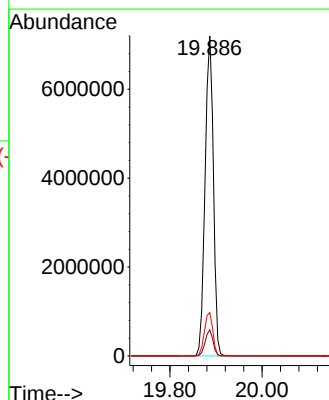
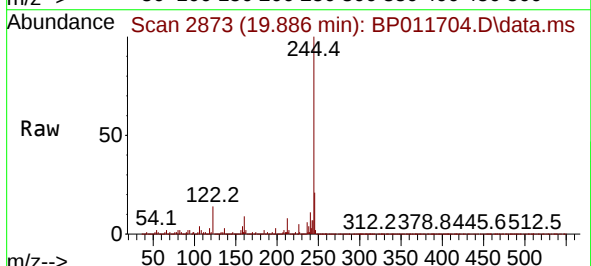
Tgt Ion:244 Resp: 9085592

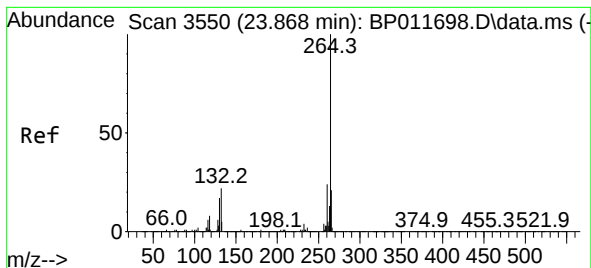
Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 13.5 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.862 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011704.D

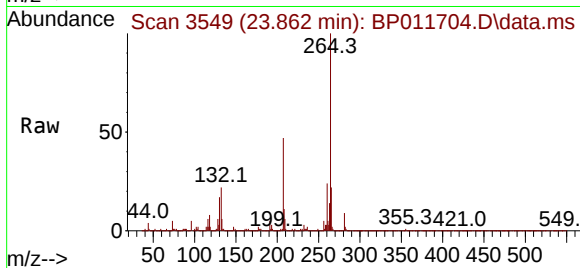
Acq: 14 Sep 2022 20:46

Instrument :

BNA\_P

ClientSampleId :

PB147629BL



Tgt Ion:264 Resp: 1407729

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.2 18.0 27.0

