

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071125\  
 Data File : BP025099.D  
 Acq On : 11 Jul 2025 11:08  
 Operator : CG/JU  
 Sample : PB168787BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168787BL

Quant Time: Jul 11 11:32:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

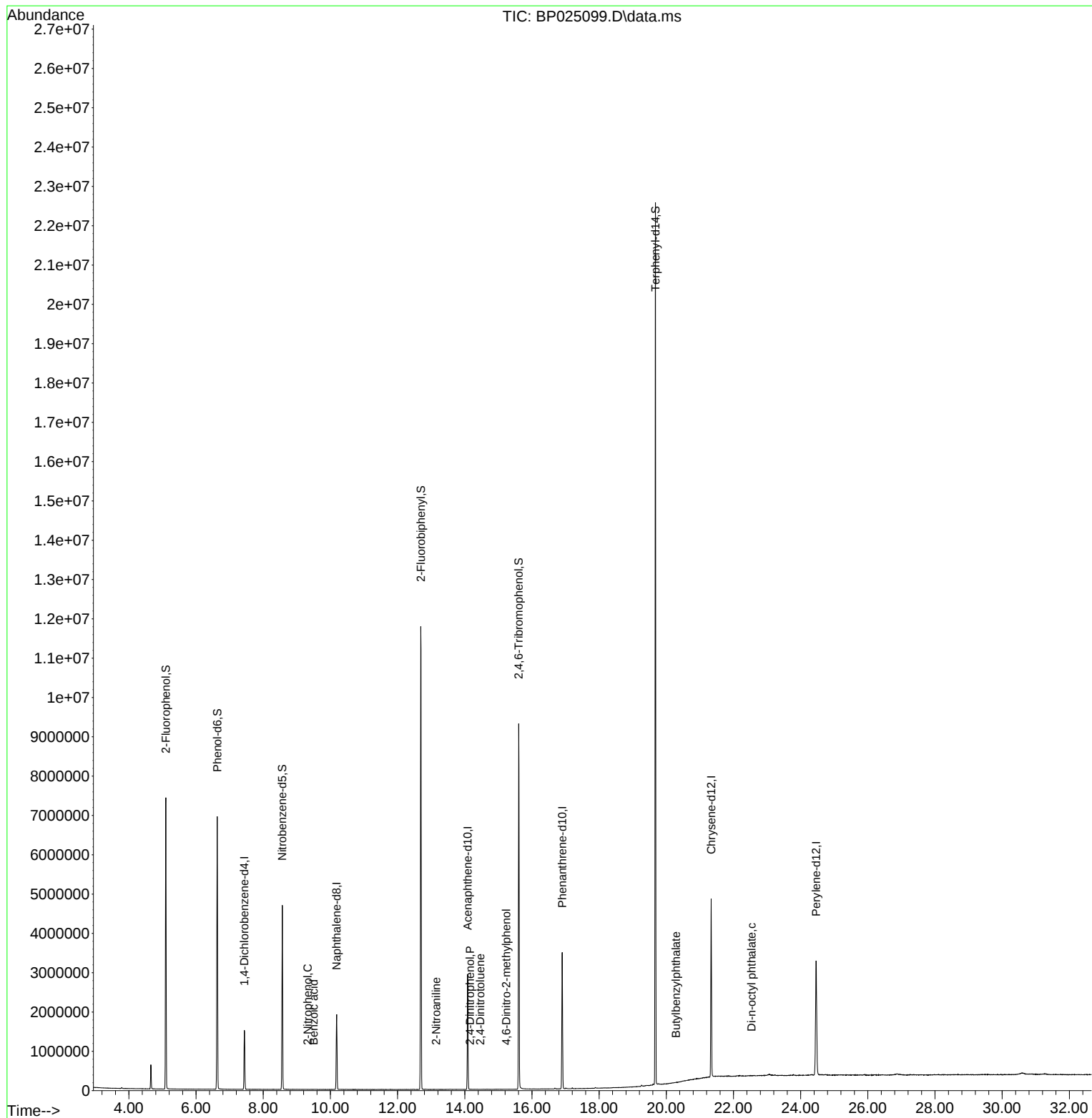
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.437  | 152  | 435629   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.184 | 136  | 1705703  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.084 | 164  | 1062765  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.901 | 188  | 2270224  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.336 | 240  | 2488979  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.460 | 264  | 2769160  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.102  | 112  | 3306419  | 134.483 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.631  | 99   | 4036639  | 125.813 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.566  | 82   | 2378393  | 92.733  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.607 | 330  | 1944232  | 154.860 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.690 | 172  | 6216273  | 90.613  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.677 | 244  | 10392323 | 91.765  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.325  | 139  | 85       | 3.308   | ng    | # 25     |
| 32) Benzoic acid              | 9.502  | 122  | 139      | 6.210   | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.148 | 65   | 83       | 2.770   | ng    | # 33     |
| 54) 2,4-Dinitrophenol         | 14.160 | 184  | 17       | 5.387   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.460 | 165  | 190      | 2.645   | ng    | # 61     |
| 65) 4,6-Dinitro-2-methylph... | 15.237 | 198  | 20       | 5.580   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.289 | 149  | 496      | 3.690   | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.536 | 149  | 874      | 6.104   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

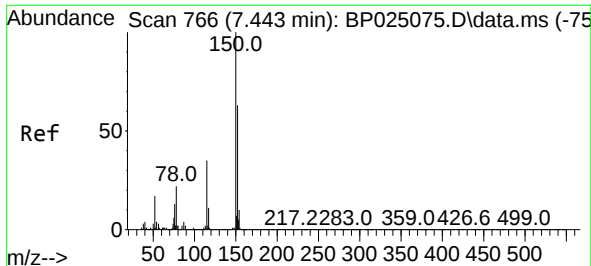
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071125\  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 03 16:05:44 2025  
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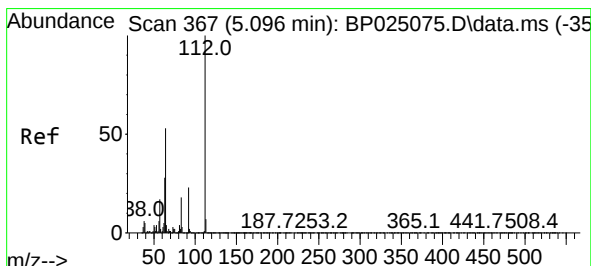
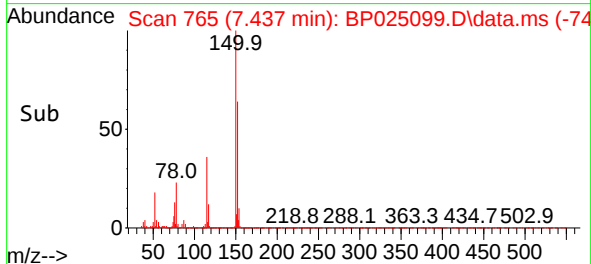
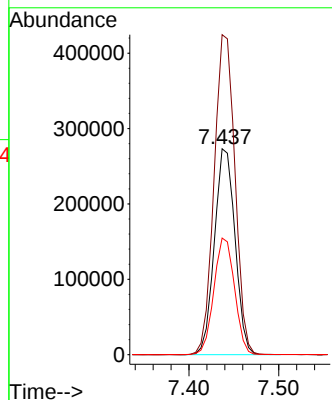
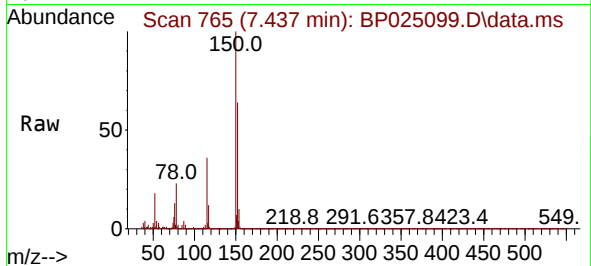




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.437 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

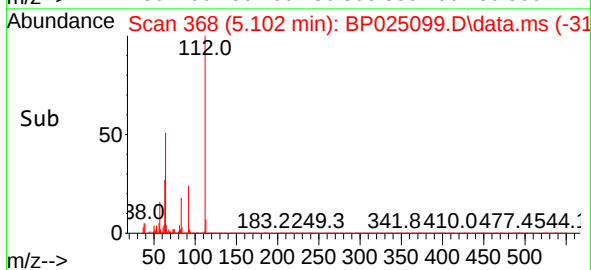
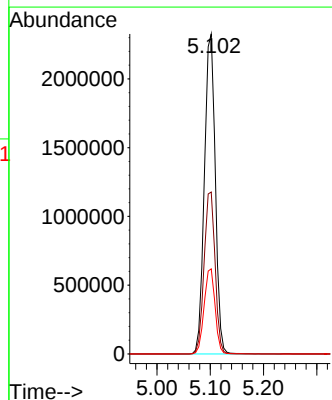
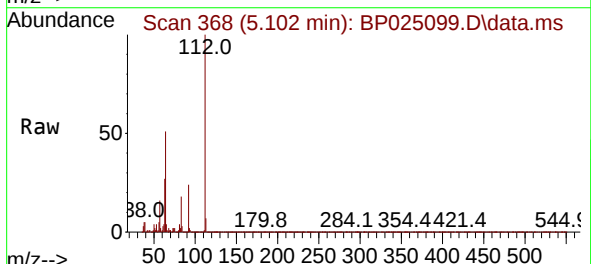
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BNA\_P  
ClientSampleId :  
PB168787BL

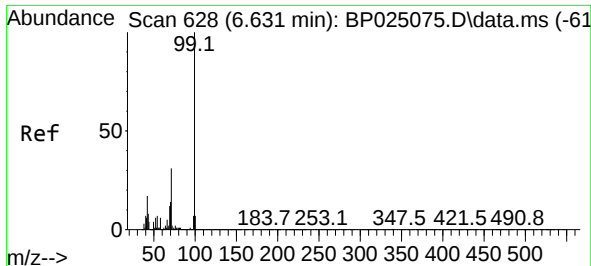
Tgt Ion:152 Resp: 435629  
Ion Ratio Lower Upper  
152 100  
150 155.4 126.1 189.1  
115 56.7 44.3 66.5



#5  
2-Fluorophenol  
Concen: 134.483 ng  
RT: 5.102 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:112 Resp: 3306419  
Ion Ratio Lower Upper  
112 100  
64 50.6 42.0 63.0  
63 26.6 22.2 33.2

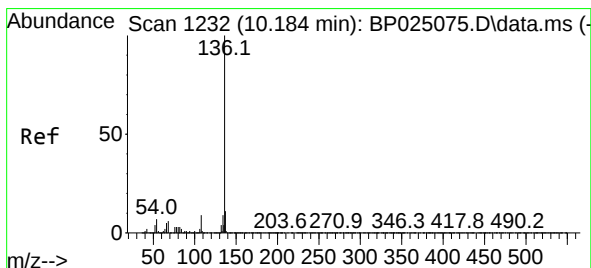
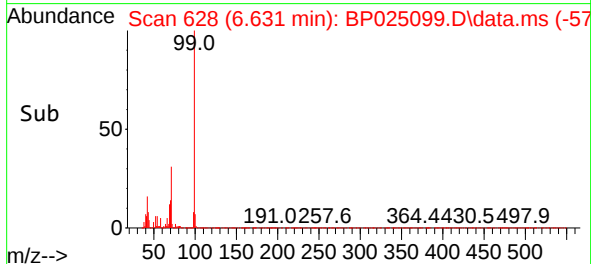
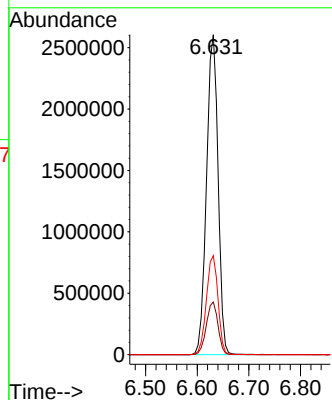
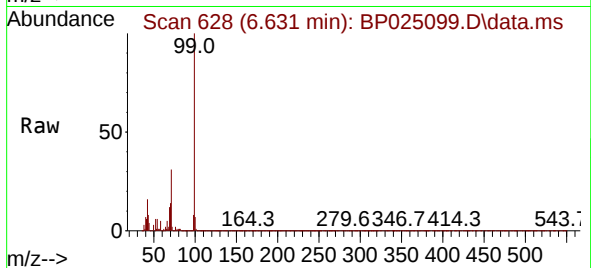




#7  
Phenol-d6  
Concen: 125.813 ng  
RT: 6.631 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

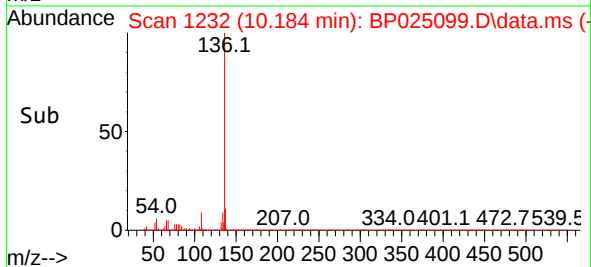
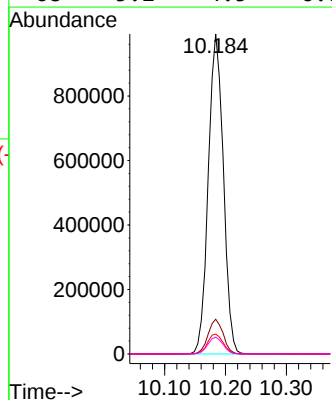
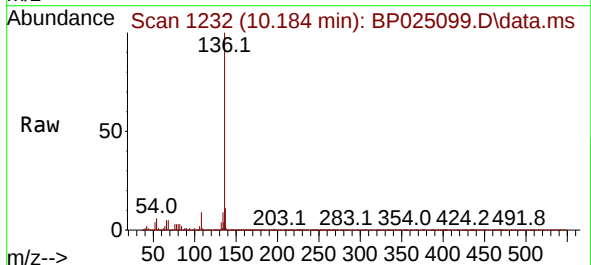
Instrument :  
BNA\_P  
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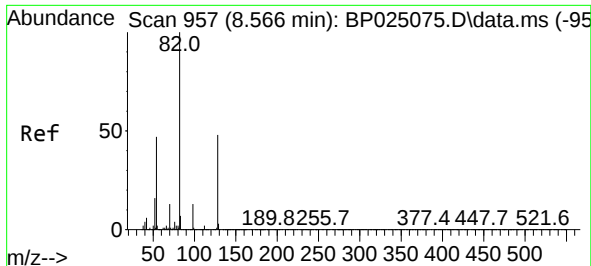
Tgt Ion: 99 Resp: 4036639  
Ion Ratio Lower Upper  
99 100  
42 16.5 13.6 20.4  
71 31.0 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.184 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:136 Resp: 1705703  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 6.2 5.4 8.2  
68 5.2 4.5 6.7

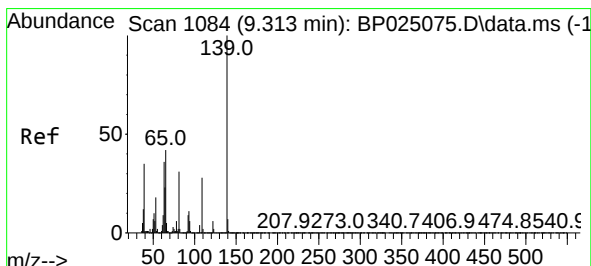
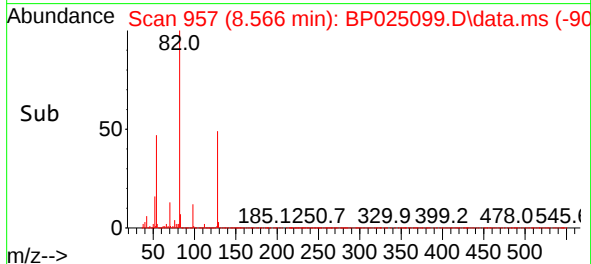
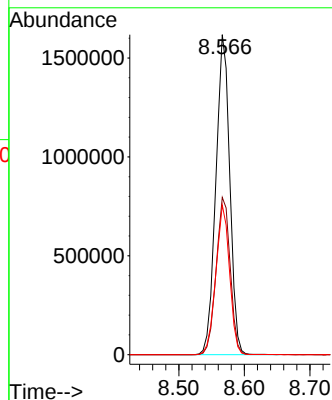
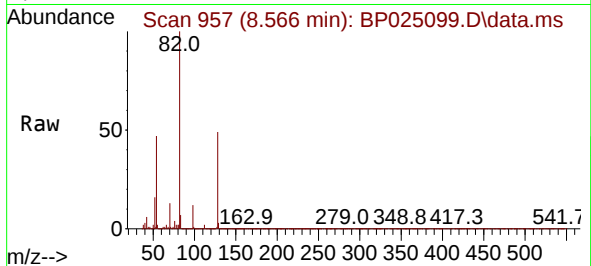




#23  
Nitrobenzene-d5  
Concen: 92.733 ng  
RT: 8.566 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

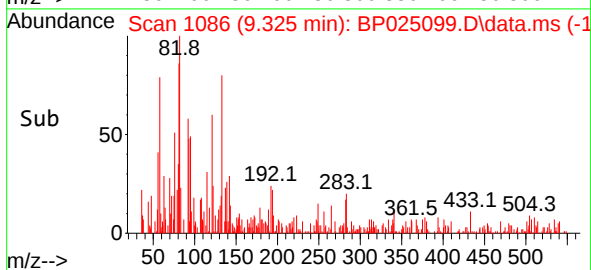
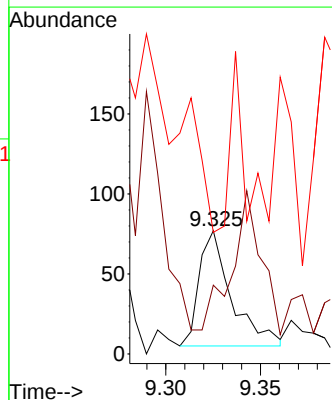
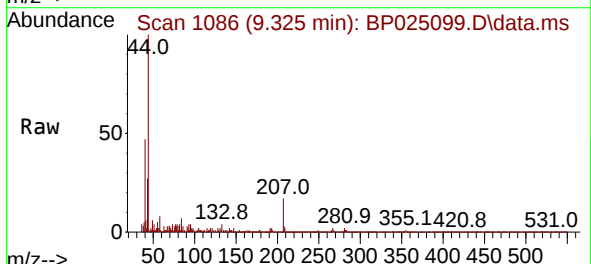
Instrument :  
BNA\_P  
ClientSampleId :  
PB168787BL

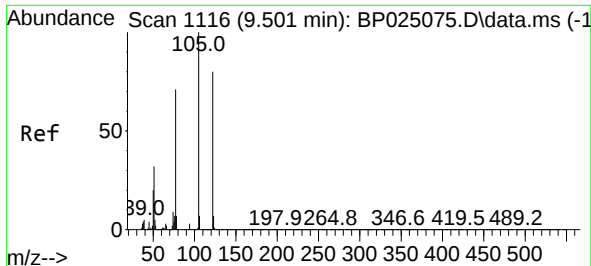
Tgt Ion: 82 Resp: 2378393  
Ion Ratio Lower Upper  
82 100  
128 49.2 38.4 57.6  
54 46.8 37.8 56.6



#26  
2-Nitrophenol  
Concen: 3.308 ng  
RT: 9.325 min Scan# 1086  
Delta R.T. 0.012 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:139 Resp: 85  
Ion Ratio Lower Upper  
139 100  
109 55.8 22.3 33.5#  
65 98.7 33.8 50.8#

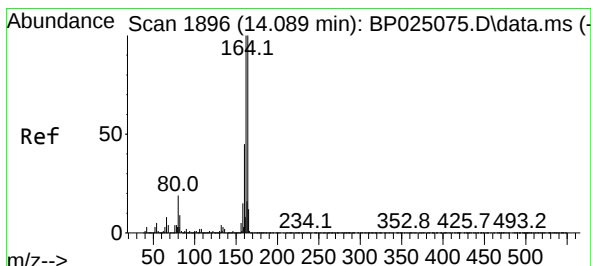
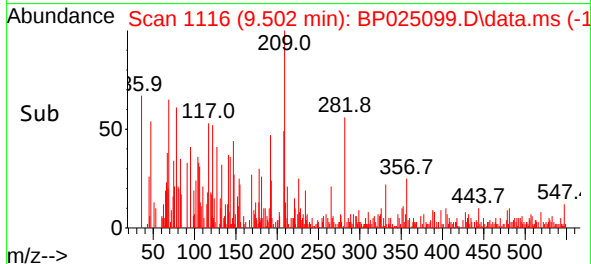
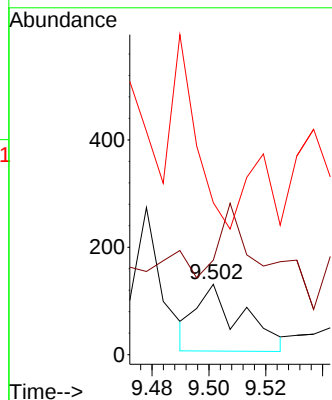
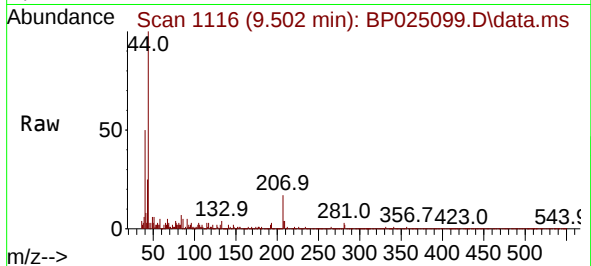




#32  
Benzoic acid  
Concen: 6.210 ng  
RT: 9.502 min Scan# 1116  
Delta R.T. 0.001 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

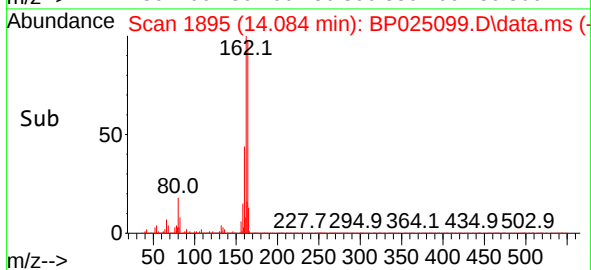
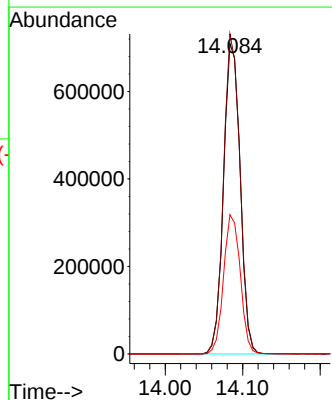
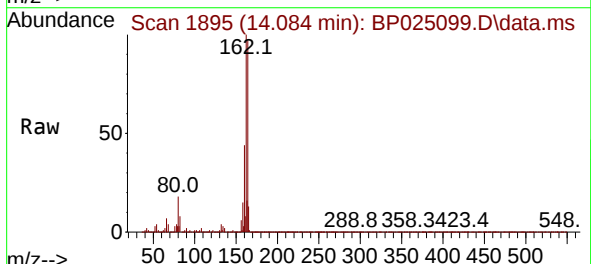
Instrument :  
BNA\_P  
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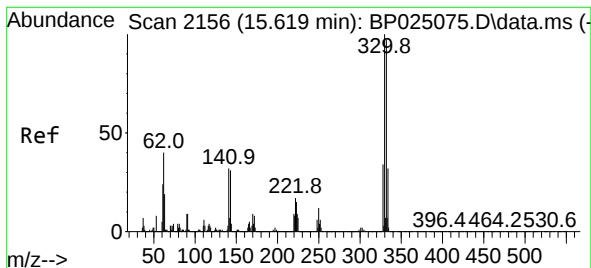
Tgt Ion:122 Resp: 139  
Ion Ratio Lower Upper  
122 100  
105 134.4 101.0 141.0  
77 349.6 67.6 107.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.084 min Scan# 1895  
Delta R.T. -0.005 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:164 Resp: 1062765  
Ion Ratio Lower Upper  
164 100  
162 103.1 80.3 120.5  
160 44.9 35.9 53.9

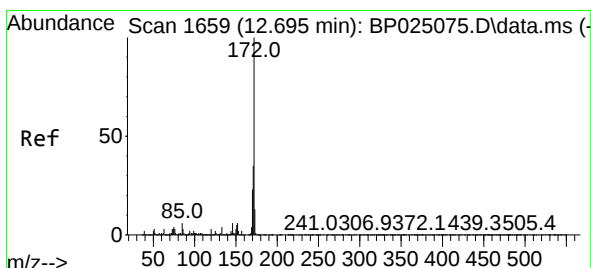
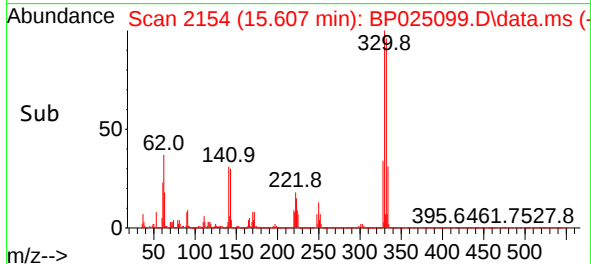
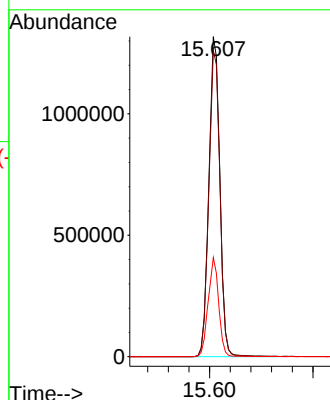
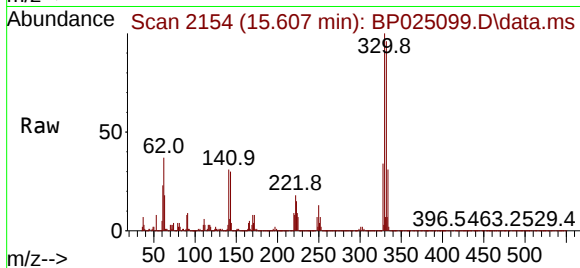




#42  
2,4,6-Tribromophenol  
Concen: 154.860 ng  
RT: 15.607 min Scan# 2156  
Delta R.T. -0.012 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

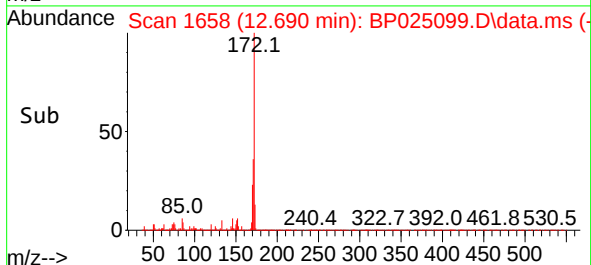
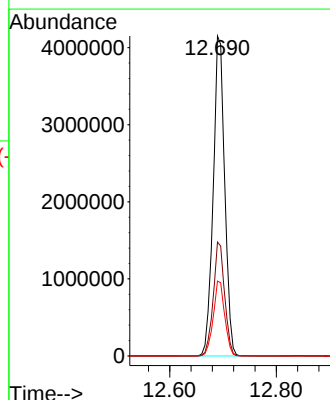
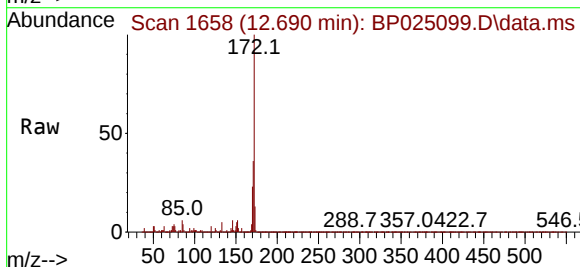
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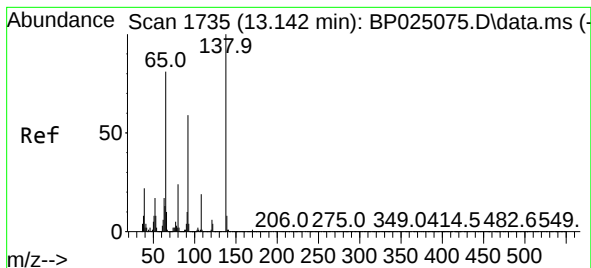
Tgt Ion:330 Resp: 1944232  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.7 116.5  
141 29.6 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 90.613 ng  
RT: 12.690 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:172 Resp: 6216273  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.4 18.7 28.1





#48

2-Nitroaniline

Concen: 2.770 ng

RT: 13.148 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025099.D

Acq: 11 Jul 2025 11:08

Instrument :

BNA\_P

ClientSampleId :

PB168787BL

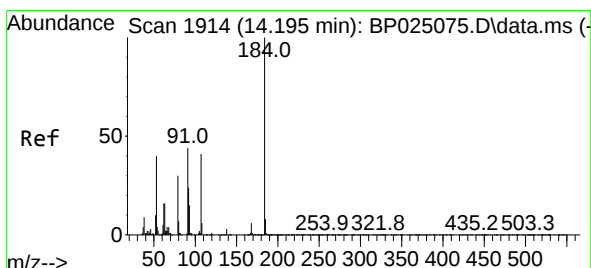
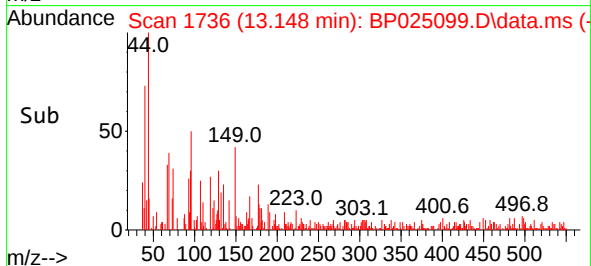
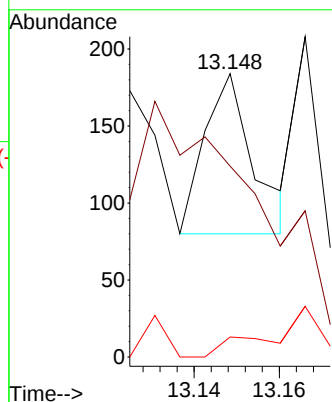
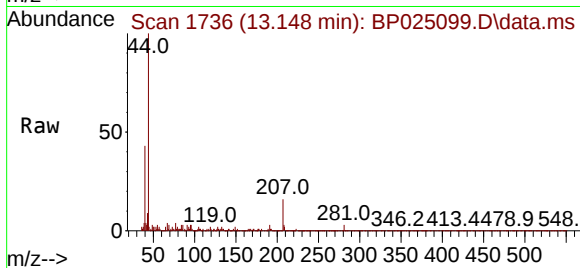
Tgt Ion: 65 Resp: 83

Ion Ratio Lower Upper

65 100

92 67.4 58.7 88.1

138 7.1 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.387 ng

RT: 14.160 min Scan# 1908

Delta R.T. -0.035 min

Lab File: BP025099.D

Acq: 11 Jul 2025 11:08

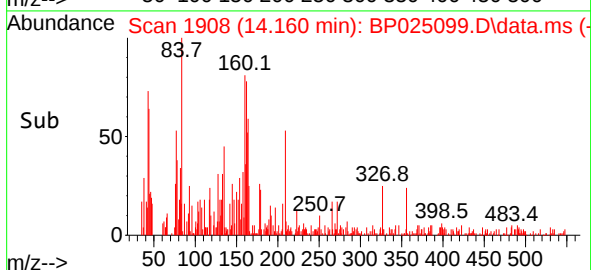
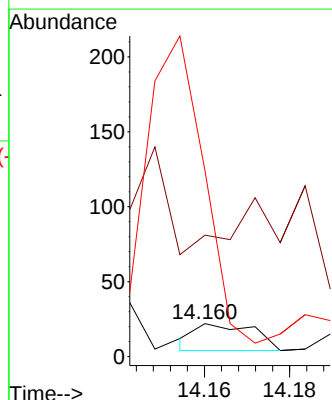
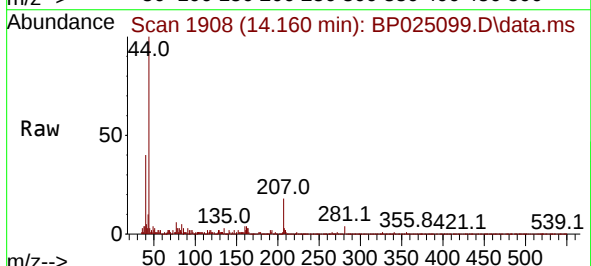
Tgt Ion: 184 Resp: 17

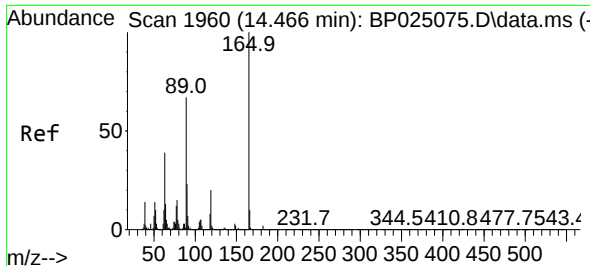
Ion Ratio Lower Upper

184 100

63 368.2 47.4 71.0#

154 563.6 47.8 71.8#

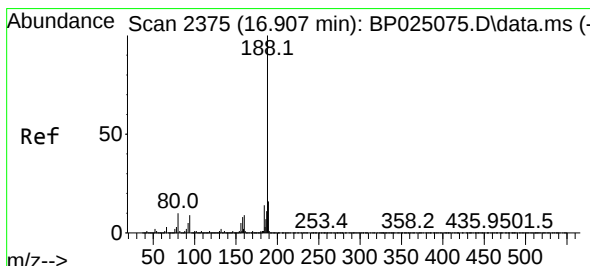
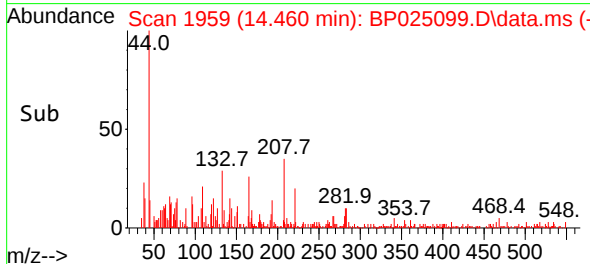
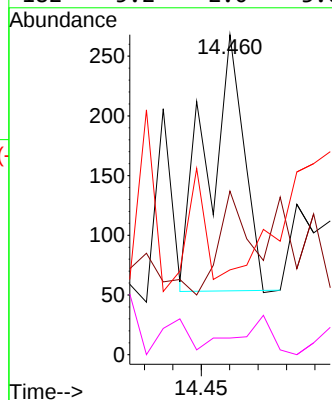
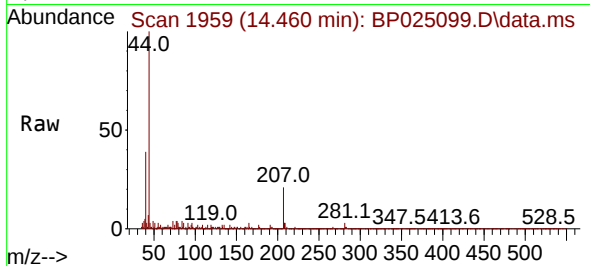




#57  
2,4-Dinitrotoluene  
Concen: 2.645 ng  
RT: 14.460 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

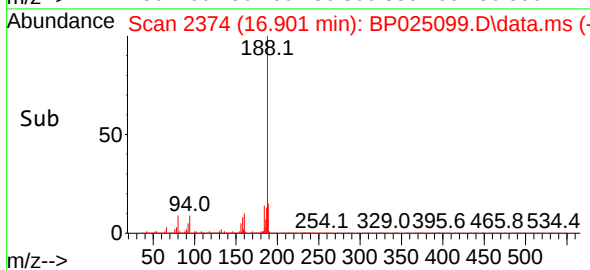
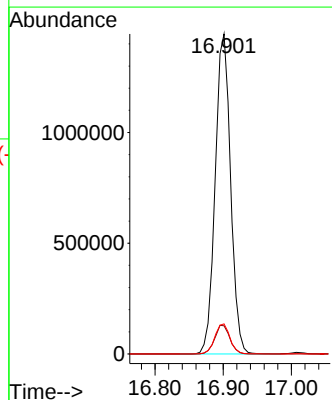
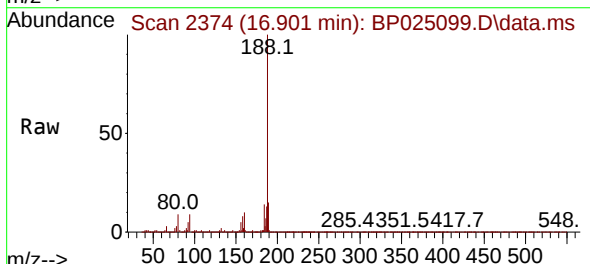
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BNA\_P  
ClientSampleId :  
PB168787BL

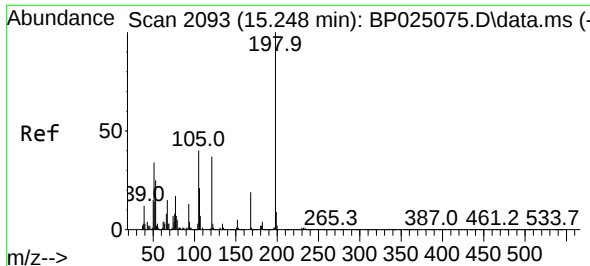
Tgt Ion:165 Resp: 190  
Ion Ratio Lower Upper  
165 100  
63 51.1 31.0 46.4#  
89 26.5 53.4 80.0#  
182 5.2 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.901 min Scan# 2374  
Delta R.T. -0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:188 Resp: 2270224  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.3 10.9  
80 9.4 7.8 11.6

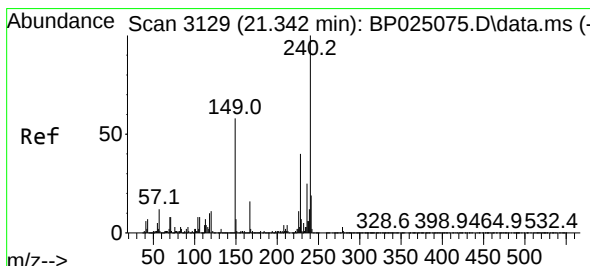
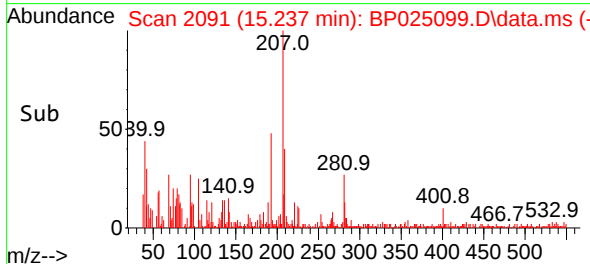
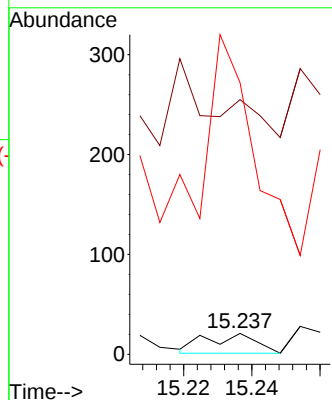
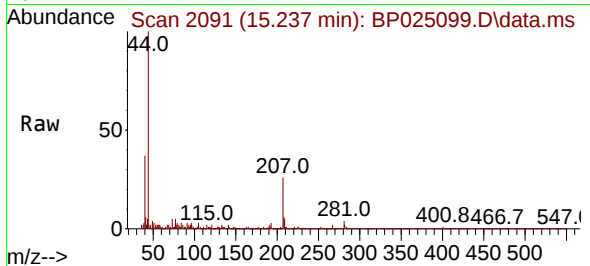




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.580 ng  
RT: 15.237 min Scan# 2091  
Delta R.T. -0.011 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

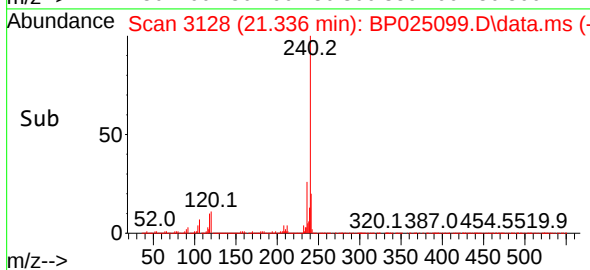
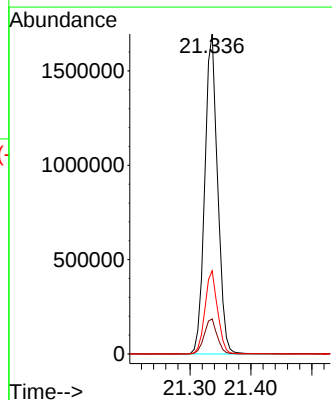
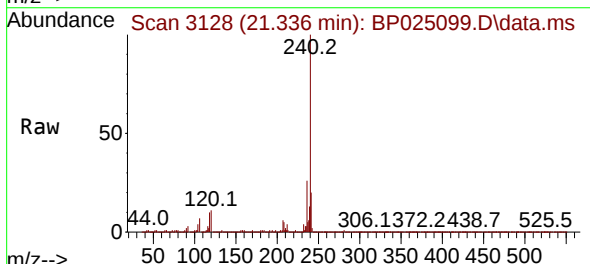
Instrument :  
BNA\_P  
ClientSampleId :  
PB168787BL

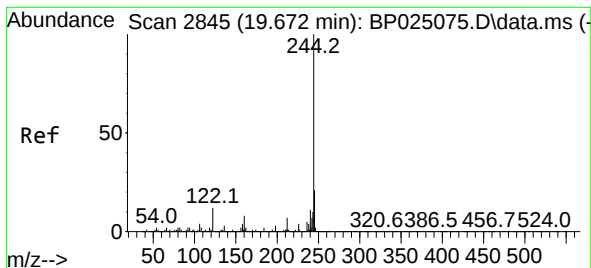
Tgt Ion:198 Resp: 20  
Ion Ratio Lower Upper  
198 100  
51 1214.3 16.8 56.8#  
105 1295.2 20.8 60.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.336 min Scan# 3128  
Delta R.T. -0.006 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:240 Resp: 2488979  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.0 13.4  
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 91.765 ng

RT: 19.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025099.D

Acq: 11 Jul 2025 11:08

Instrument :

BNA\_P

ClientSampleId :

PB168787BL

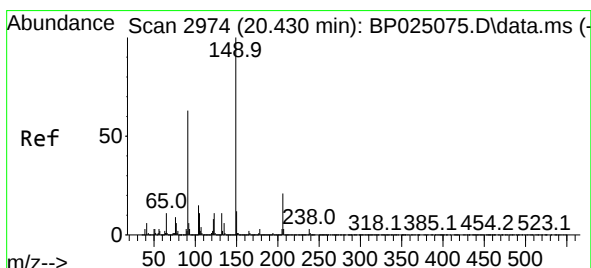
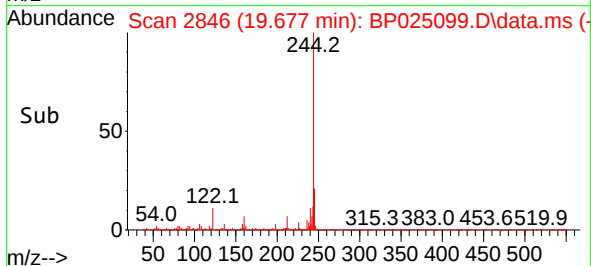
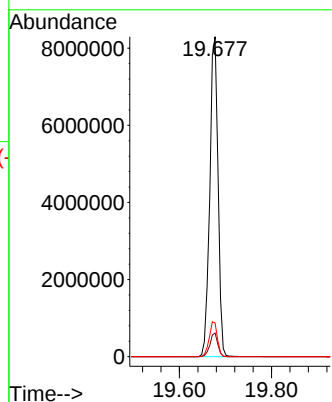
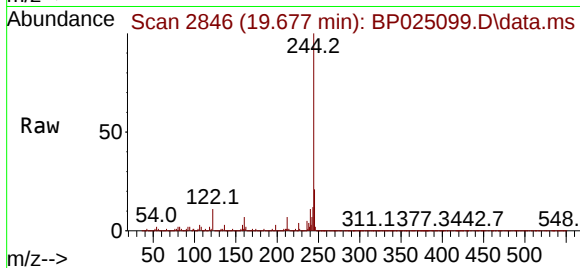
Tgt Ion:244 Resp:10392323

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.6 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.690 ng

RT: 20.289 min Scan# 2950

Delta R.T. -0.141 min

Lab File: BP025099.D

Acq: 11 Jul 2025 11:08

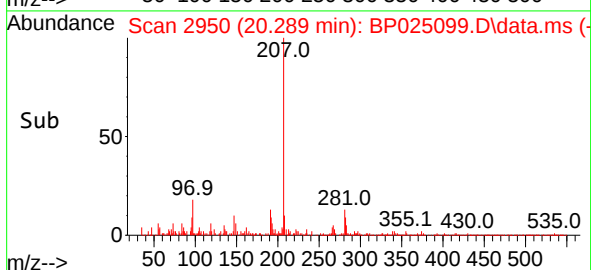
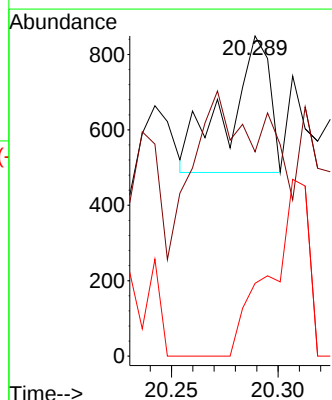
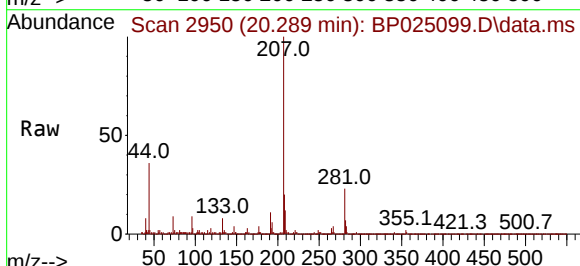
Tgt Ion:149 Resp: 496

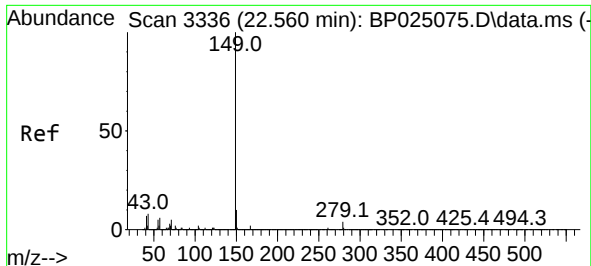
Ion Ratio Lower Upper

149 100

91 63.8 50.6 76.0

206 22.7 17.2 25.8

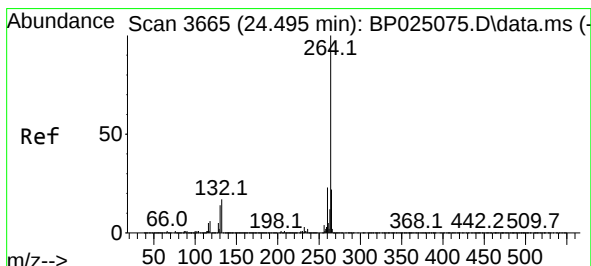
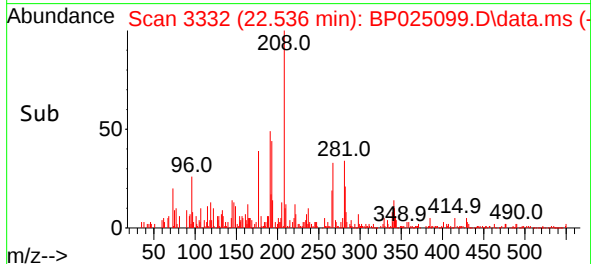
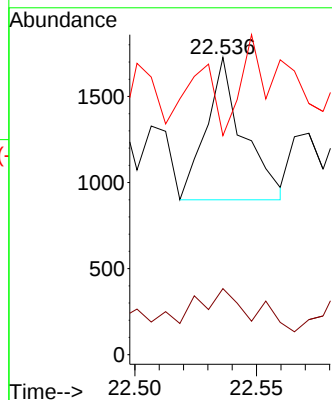
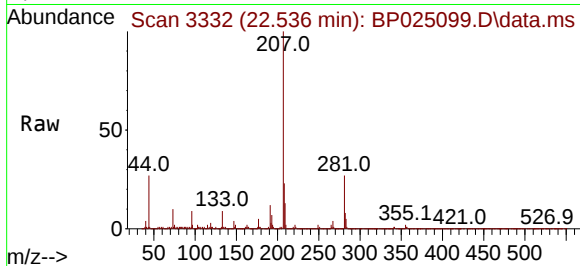




#85  
Di-n-octyl phthalate  
Concen: 6.104 ng  
RT: 22.536 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB168787BL

Tgt Ion:149 Resp: 874  
Ion Ratio Lower Upper  
149 100  
167 42.3 1.3 1.9#  
43 49.7 6.9 10.3#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.460 min Scan# 3659  
Delta R.T. -0.035 min  
Lab File: BP025099.D  
Acq: 11 Jul 2025 11:08

Tgt Ion:264 Resp: 2769160  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 22.1 17.7 26.5

