

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071025\  
 Data File : BP025085.D  
 Acq On : 10 Jul 2025 16:15  
 Operator : CG/JU  
 Sample : Q2527-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LAW-PAD-070825

Quant Time: Jul 10 16:41:12 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

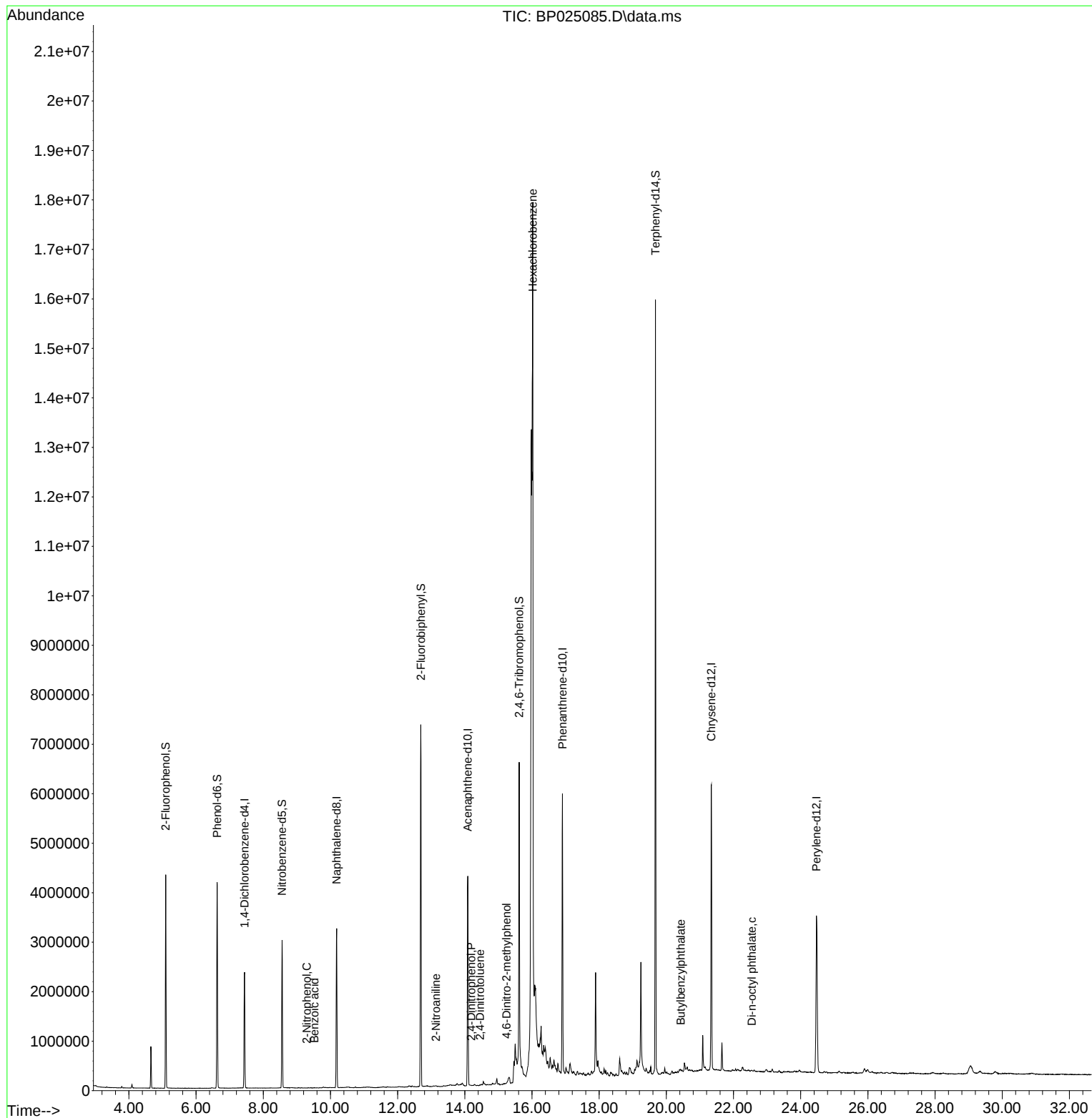
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.443  | 152  | 665648   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.184 | 136  | 2626246  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.089 | 164  | 1686125  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.907 | 188  | 3248598  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.336 | 240  | 3342193  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 3088694  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.096  | 112  | 1802603  | 47.982 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.625  | 99   | 2437782  | 49.725 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.560  | 82   | 1510219  | 38.244 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.619 | 330  | 1105907  | 55.521 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.689 | 172  | 4175197  | 38.361 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.677 | 244  | 7172834  | 47.168 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.295  | 139  | 396      | 3.321  | ng    | # 1      |
| 32) Benzoic acid              | 9.519  | 122  | 109      | 6.207  | ng    | # 22     |
| 48) 2-Nitroaniline            | 13.142 | 65   | 632      | 2.791  | ng    | # 40     |
| 54) 2,4-Dinitrophenol         | 14.189 | 184  | 141      | 5.397  | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.454 | 165  | 775      | 2.659  | ng    | # 52     |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198  | 223      | 5.592  | ng    | # 1      |
| 68) Hexachlorobenzene         | 16.024 | 284  | 770195   | 18.944 | ng    | # 46     |
| 80) Butylbenzylphthalate      | 20.430 | 149  | 3932     | 3.728  | ng    | # 30     |
| 85) Di-n-octyl phthalate      | 22.548 | 149  | 3089     | 6.112  | ng    | # 7      |
| -----                         |        |      |          |        |       |          |

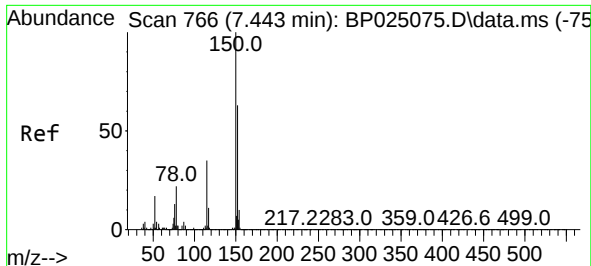
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071025\  
Data File : BP025085.D  
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Sample : Q2527-03  
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ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Jul 10 16:41:12 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

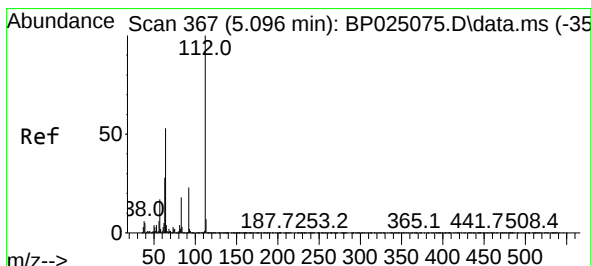
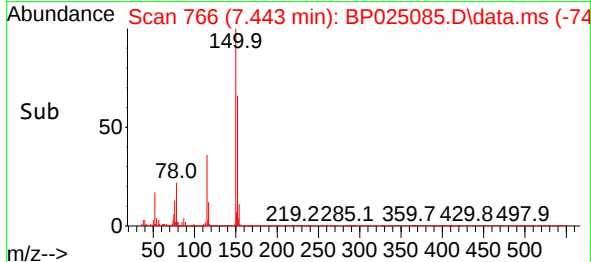
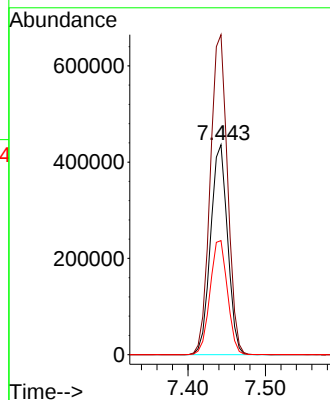
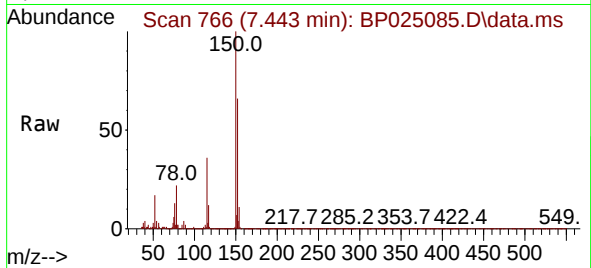




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.443 min Scan# 766  
 Delta R.T. -0.000 min  
 Lab File: BP025085.D  
 Acq: 10 Jul 2025 16:15

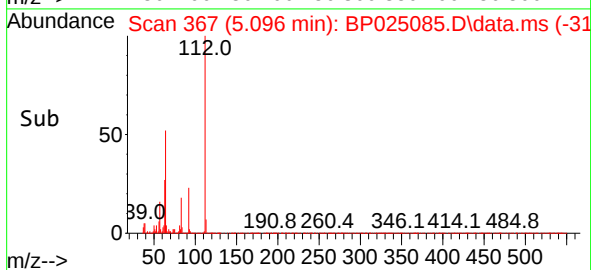
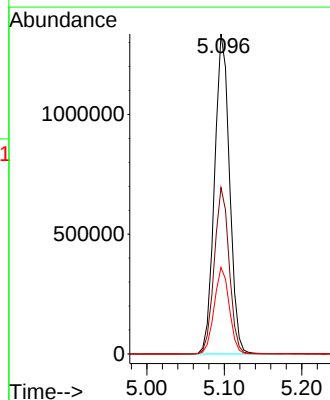
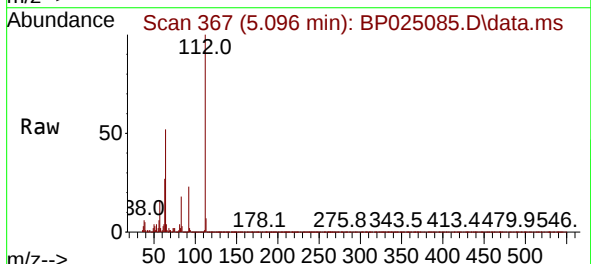
Instrument :  
 BNA\_P  
 ClientSampleId :  
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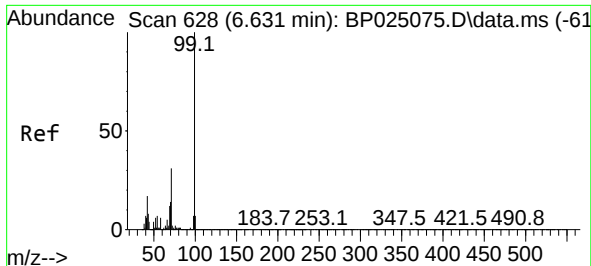
Tgt Ion:152 Resp: 665648  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 126.1 189.1  
 115 54.4 44.3 66.5



#5  
 2-Fluorophenol  
 Concen: 47.982 ng  
 RT: 5.096 min Scan# 367  
 Delta R.T. -0.000 min  
 Lab File: BP025085.D  
 Acq: 10 Jul 2025 16:15

Tgt Ion:112 Resp: 1802603  
 Ion Ratio Lower Upper  
 112 100  
 64 52.0 42.0 63.0  
 63 27.1 22.2 33.2



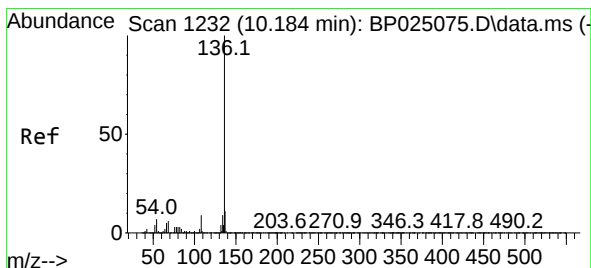
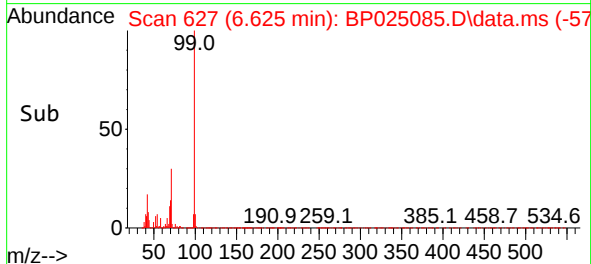
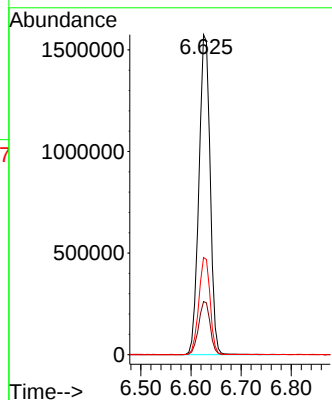
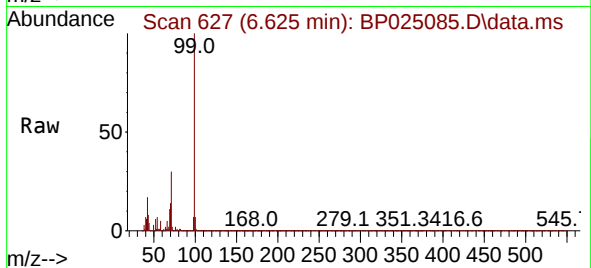


#7  
Phenol-d6  
Concen: 49.725 ng  
RT: 6.625 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2437782

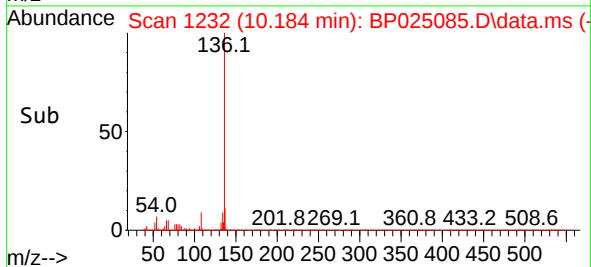
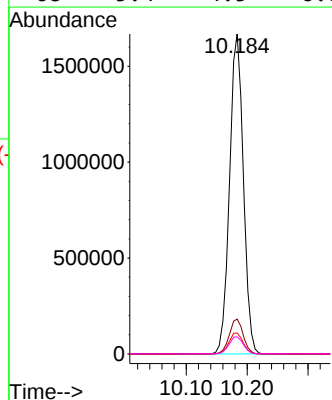
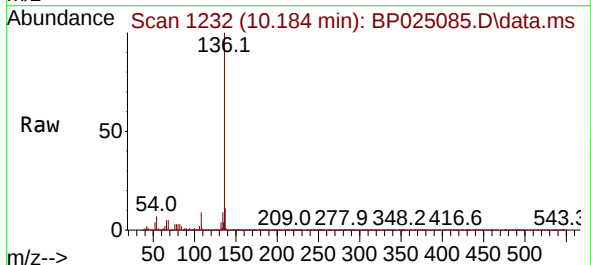
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.6  | 13.6  | 20.4  |
| 71  | 30.4  | 24.4  | 36.6  |

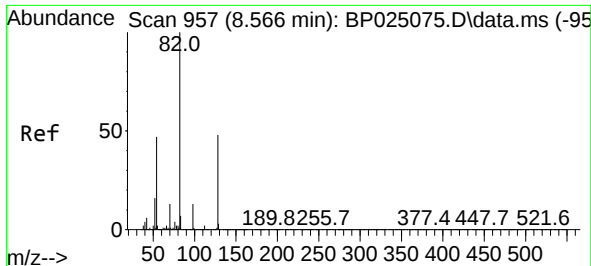


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.184 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion: 136 Resp: 2626246

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 6.6   | 5.4   | 8.2   |
| 68  | 5.4   | 4.5   | 6.7   |

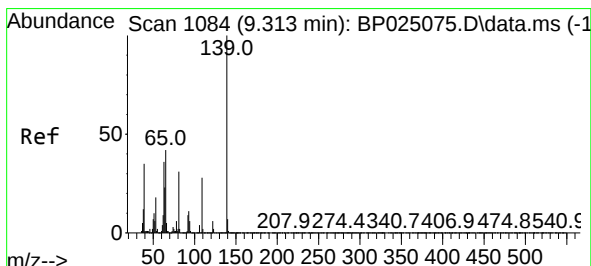
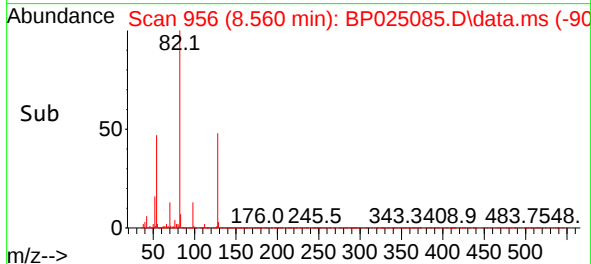
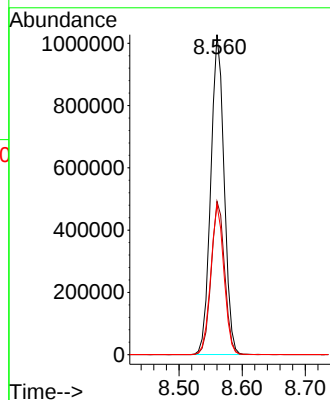
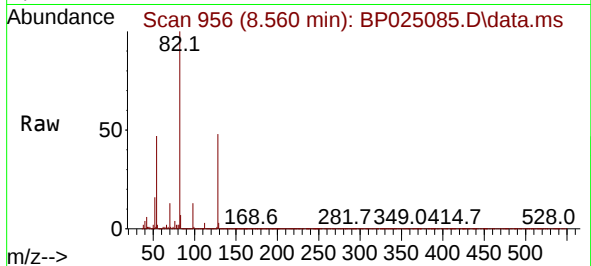




#23  
Nitrobenzene-d5  
Concen: 38.244 ng  
RT: 8.560 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

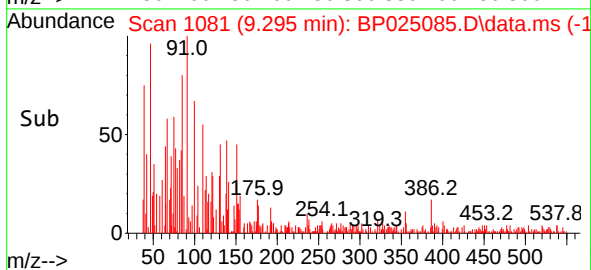
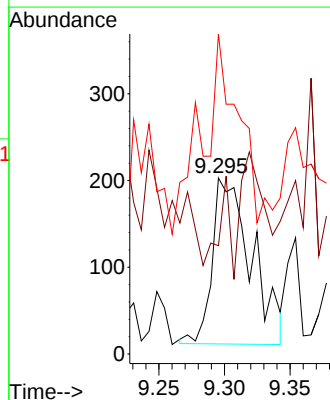
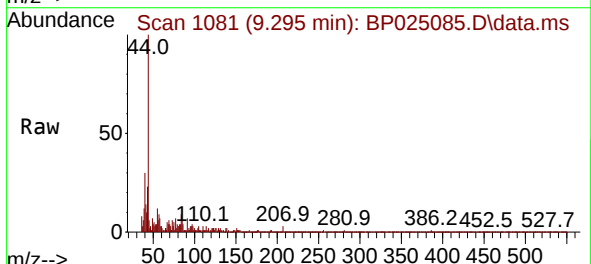
Instrument :  
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ClientSampleId :  
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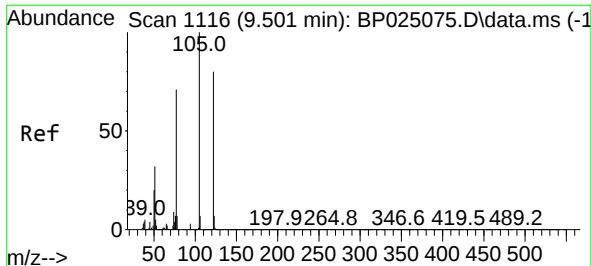
Tgt Ion: 82 Resp: 1510219  
Ion Ratio Lower Upper  
82 100  
128 47.9 38.4 57.6  
54 46.9 37.8 56.6



#26  
2-Nitrophenol  
Concen: 3.321 ng  
RT: 9.295 min Scan# 1081  
Delta R.T. -0.018 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:139 Resp: 396  
Ion Ratio Lower Upper  
139 100  
109 61.6 22.3 33.5#  
65 181.8 33.8 50.8#

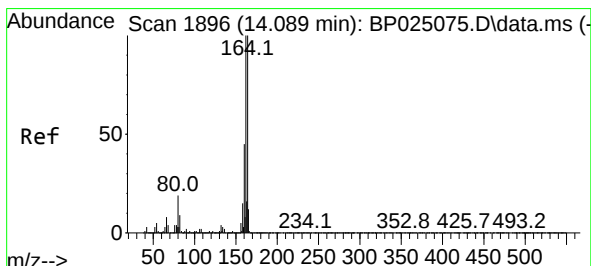
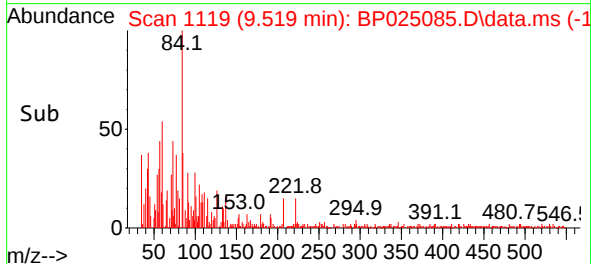
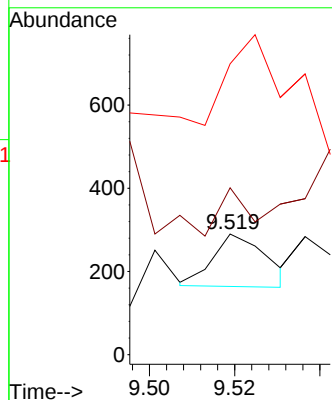
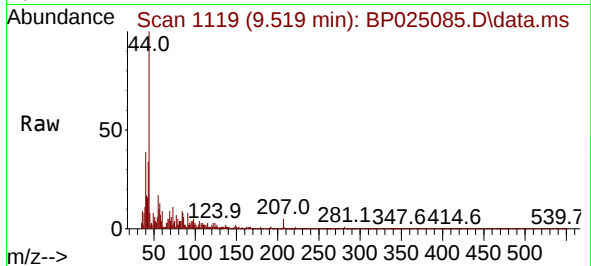




#32  
Benzoic acid  
Concen: 6.207 ng  
RT: 9.519 min Scan# 1119  
Delta R.T. 0.018 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

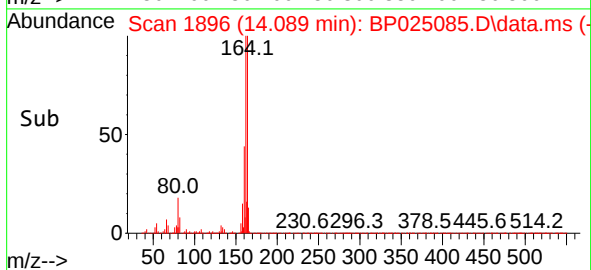
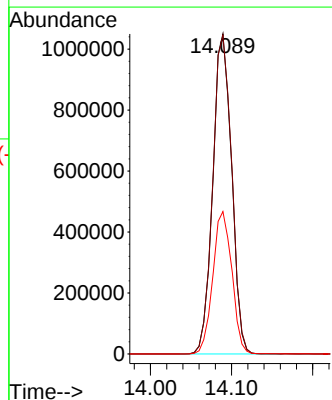
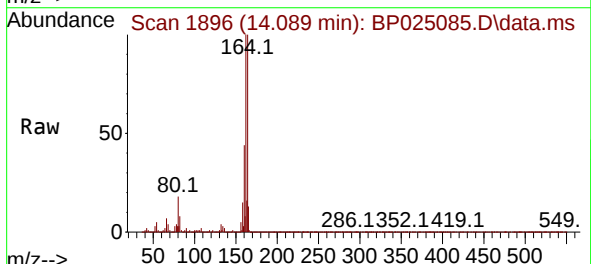
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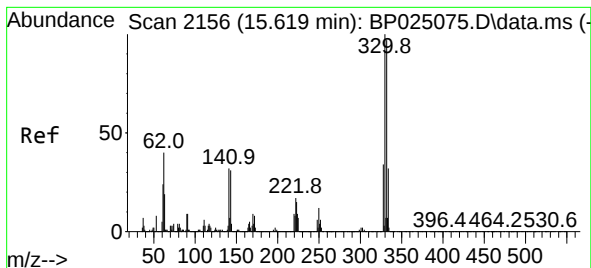
Tgt Ion:122 Resp: 109  
Ion Ratio Lower Upper  
122 100  
105 138.3 101.0 141.0  
77 241.0 67.6 107.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.089 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:164 Resp: 1686125  
Ion Ratio Lower Upper  
164 100  
162 99.7 80.3 120.5  
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 55.521 ng

RT: 15.619 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025085.D

Acq: 10 Jul 2025 16:15

Instrument :

BNA\_P

ClientSampleId :

LAW-PAD-070825

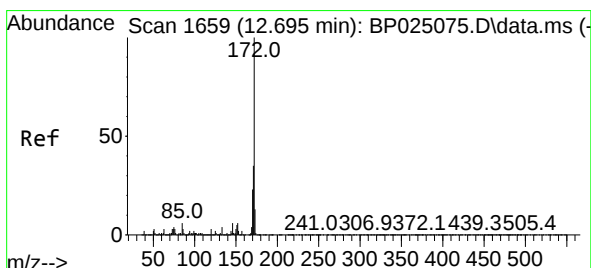
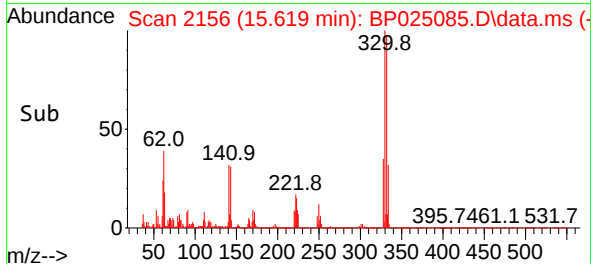
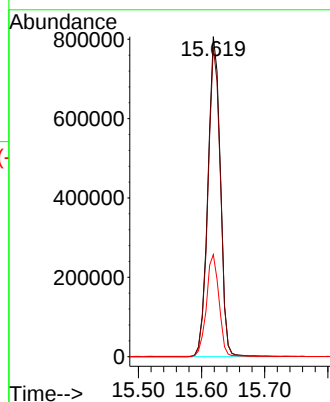
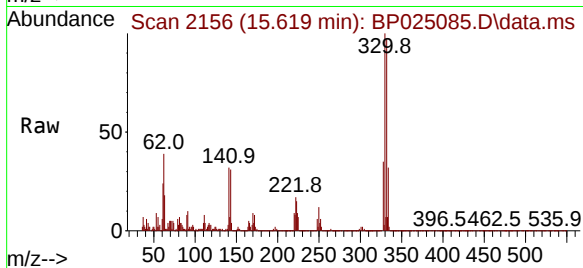
Tgt Ion:330 Resp: 1105907

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 32.0 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 38.361 ng

RT: 12.689 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025085.D

Acq: 10 Jul 2025 16:15

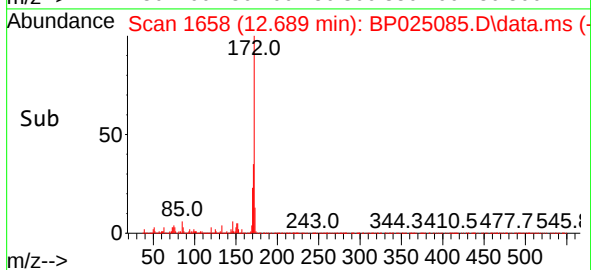
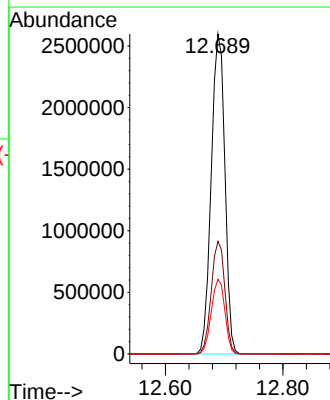
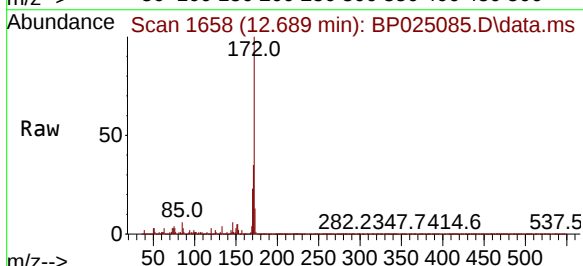
Tgt Ion:172 Resp: 4175197

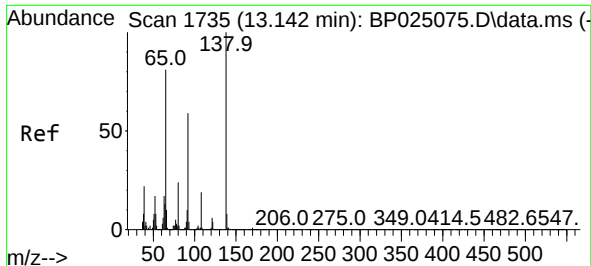
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.3 18.7 28.1

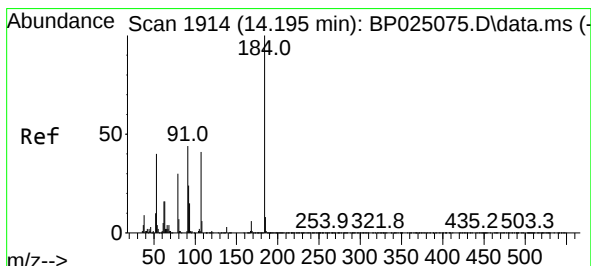
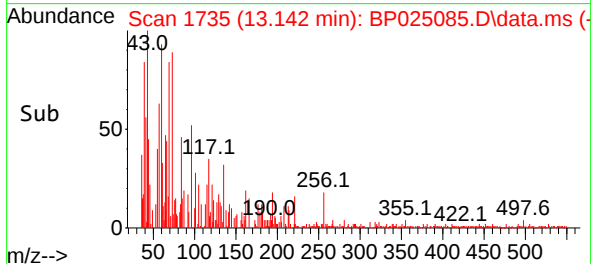
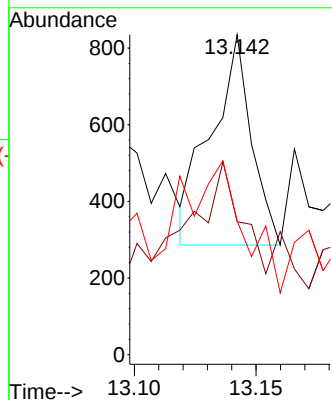
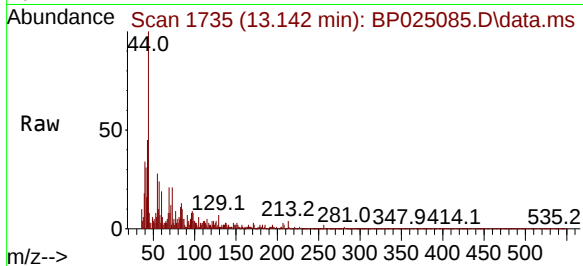




#48  
2-Nitroaniline  
Concen: 2.791 ng  
RT: 13.142 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

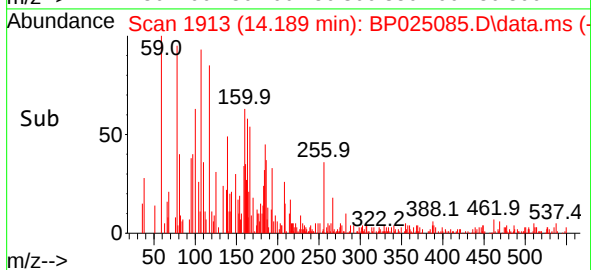
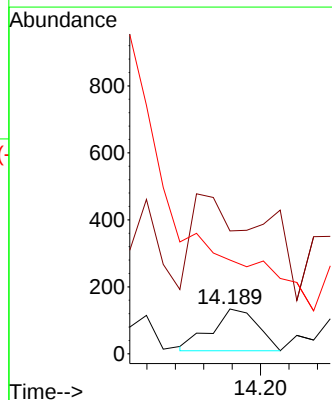
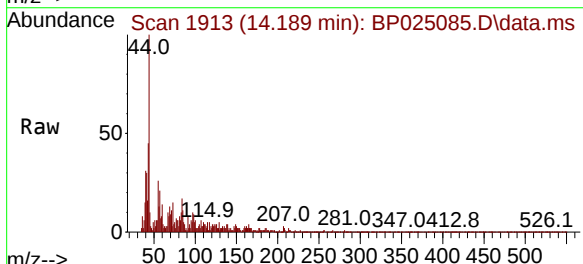
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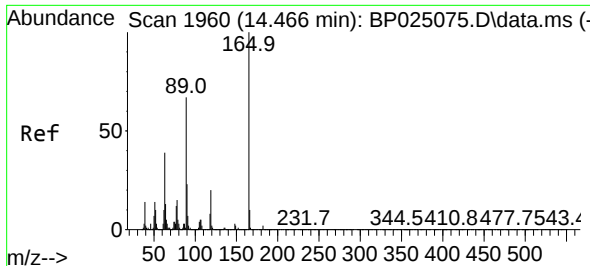
Tgt Ion: 65 Resp: 632  
Ion Ratio Lower Upper  
65 100  
92 41.6 58.7 88.1#  
138 41.8 99.0 148.4#



#54  
2,4-Dinitrophenol  
Concen: 5.397 ng  
RT: 14.189 min Scan# 1913  
Delta R.T. -0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion: 184 Resp: 141  
Ion Ratio Lower Upper  
184 100  
63 273.9 47.4 71.0#  
154 209.0 47.8 71.8#

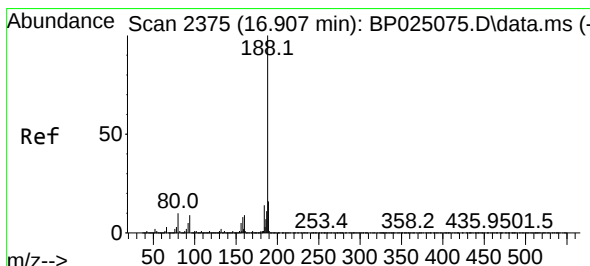
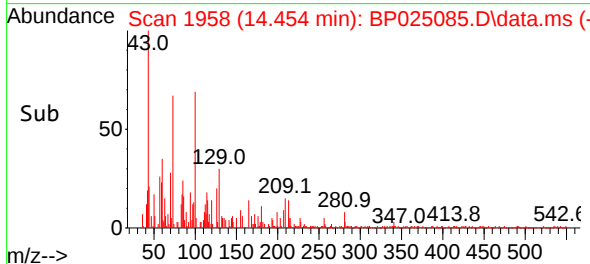
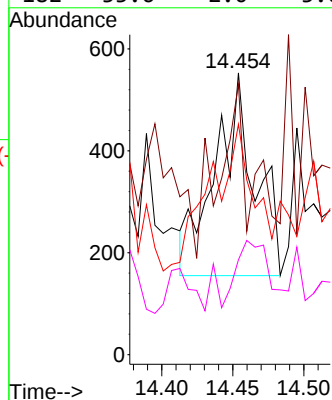
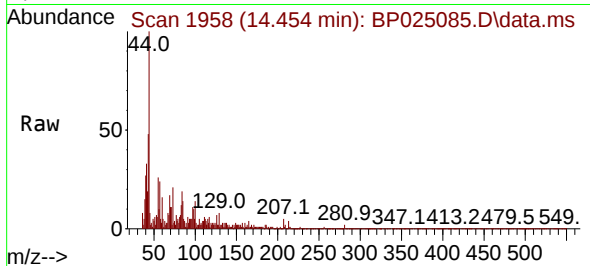




#57  
2,4-Dinitrotoluene  
Concen: 2.659 ng  
RT: 14.454 min Scan# 1958  
Delta R.T. -0.012 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

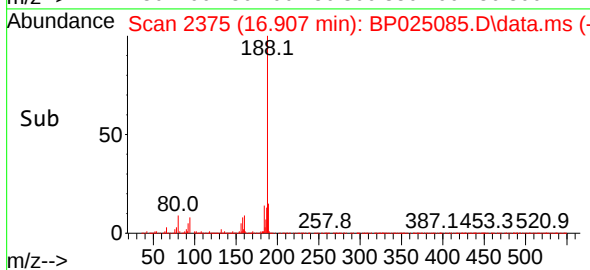
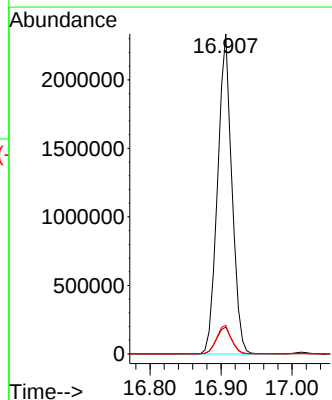
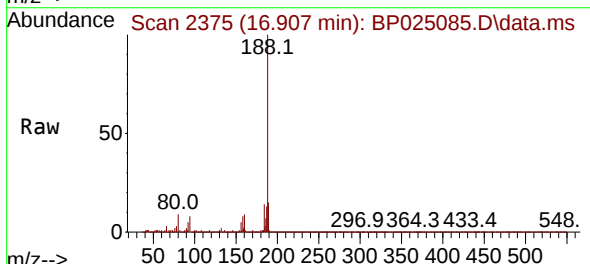
Instrument :  
BNA\_P  
ClientSampleId :  
LAW-PAD-070825

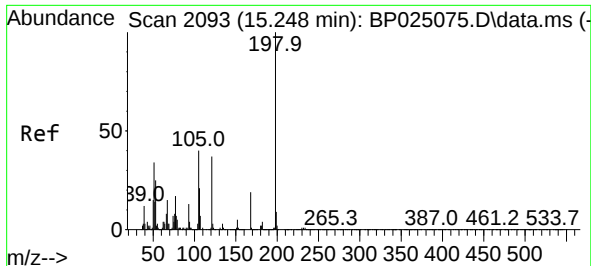
Tgt Ion:165 Resp: 775  
Ion Ratio Lower Upper  
165 100  
63 96.0 31.0 46.4#  
89 81.7 53.4 80.0#  
182 33.6 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.907 min Scan# 2375  
Delta R.T. -0.000 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:188 Resp: 3248598  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.3 10.9  
80 8.9 7.8 11.6

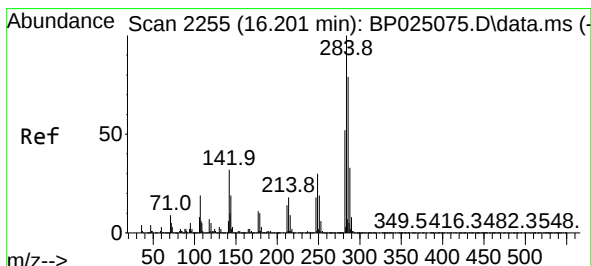
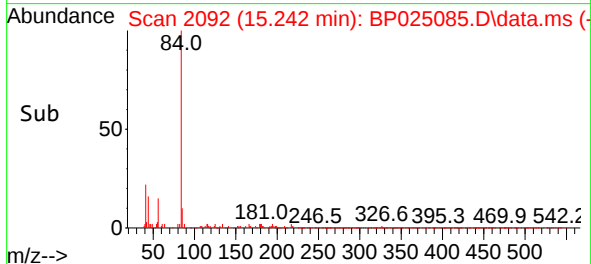
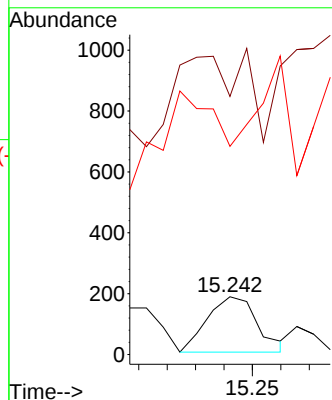
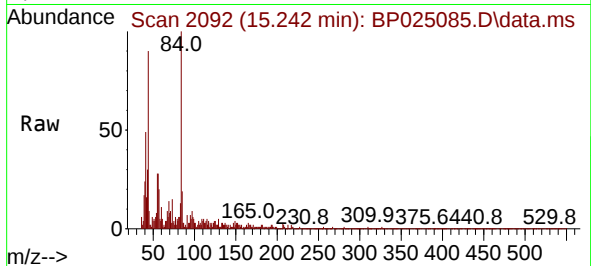




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.592 ng  
RT: 15.242 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

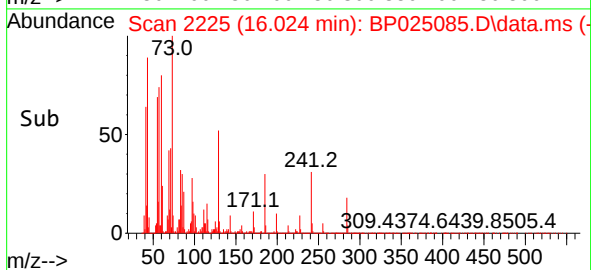
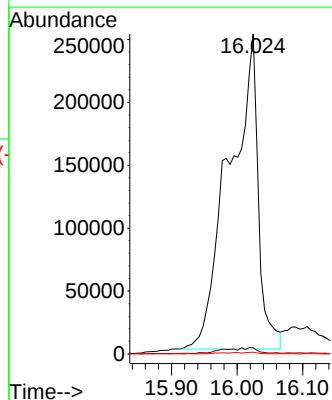
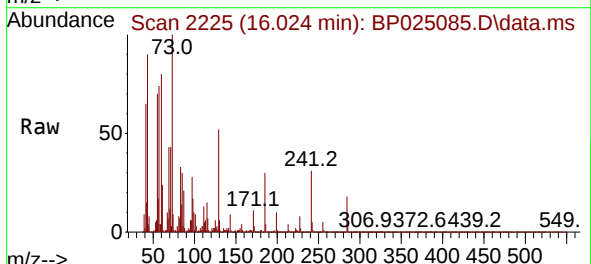
Instrument :  
BNA\_P  
ClientSampleId :  
LAW-PAD-070825

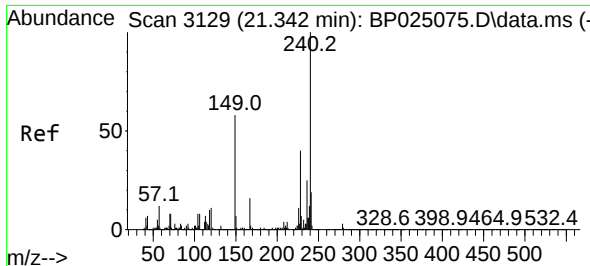
Tgt Ion:198 Resp: 223  
Ion Ratio Lower Upper  
198 100  
51 446.3 16.8 56.8#  
105 360.0 20.8 60.8#



#68  
Hexachlorobenzene  
Concen: 18.944 ng  
RT: 16.024 min Scan# 2225  
Delta R.T. -0.177 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:284 Resp: 770195  
Ion Ratio Lower Upper  
284 100  
142 2.0 25.9 38.9#  
249 0.6 23.8 35.8#

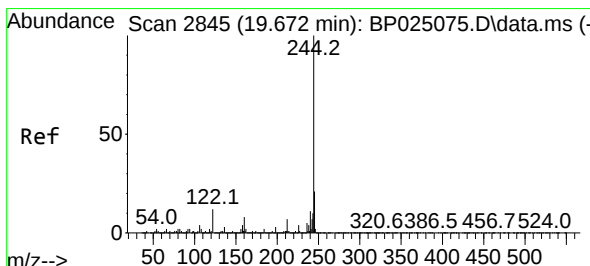
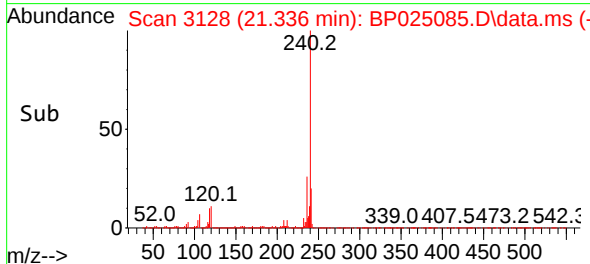
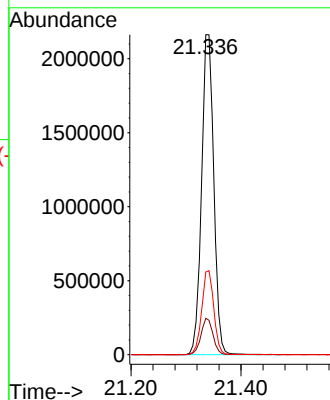
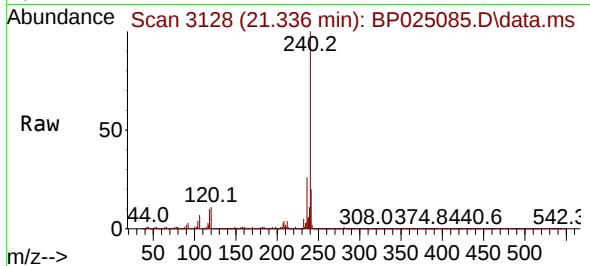




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.336 min Scan# 3129  
Delta R.T. -0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

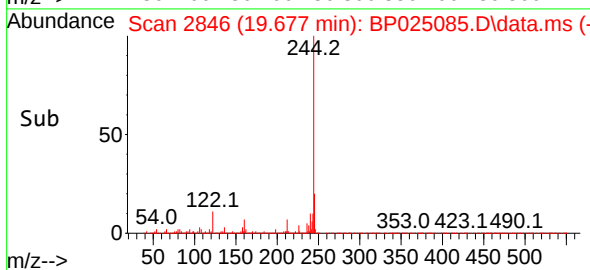
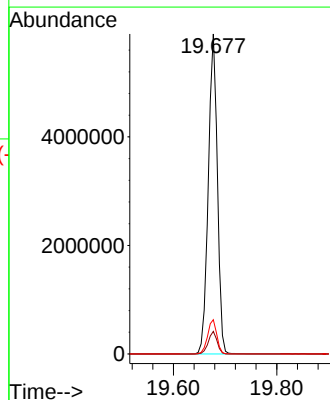
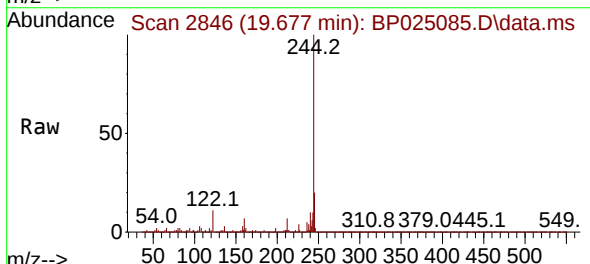
Instrument :  
BNA\_P  
ClientSampleId :  
LAW-PAD-070825

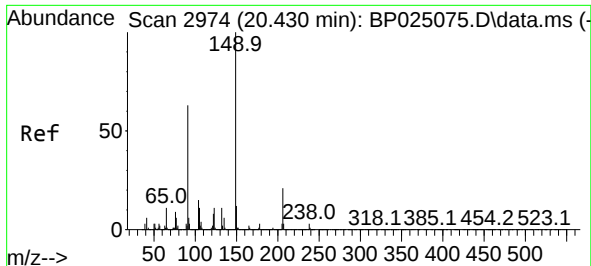
Tgt Ion:240 Resp: 3342193  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.0 13.4  
236 25.9 20.3 30.5



#79  
Terphenyl-d14  
Concen: 47.168 ng  
RT: 19.677 min Scan# 2846  
Delta R.T. 0.006 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:244 Resp: 7172834  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 10.7 9.4 14.2

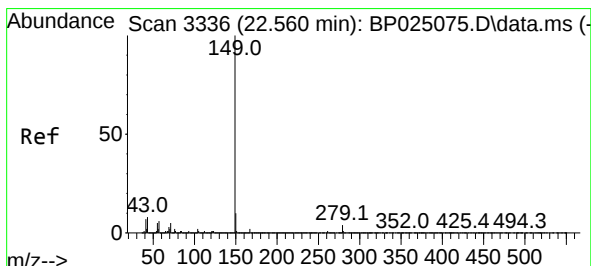
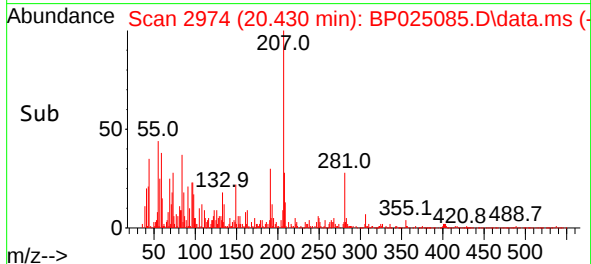
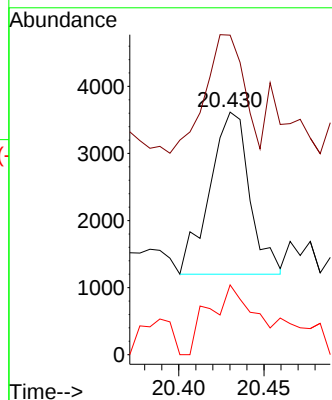
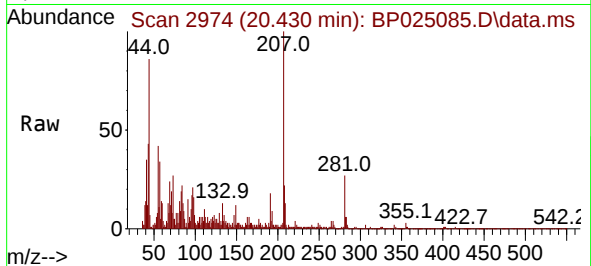




#80  
Butylbenzylphthalate  
Concen: 3.728 ng  
RT: 20.430 min Scan# 2974  
Delta R.T. 0.000 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

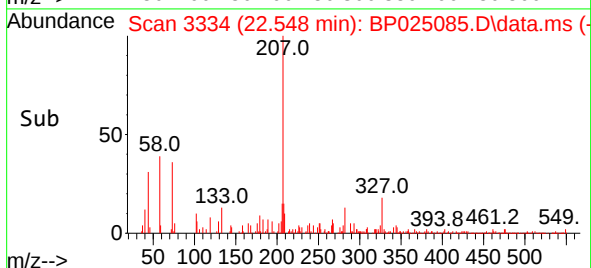
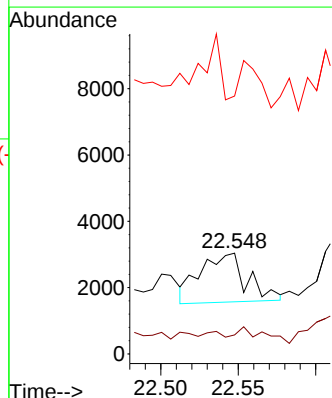
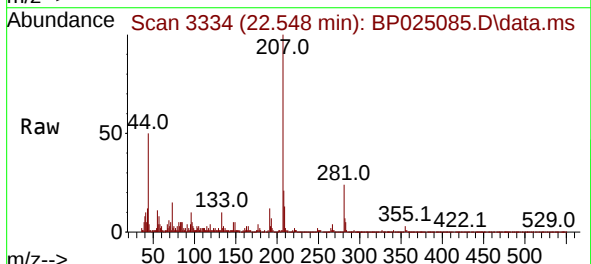
Instrument :  
BNA\_P  
ClientSampleId :  
LAW-PAD-070825

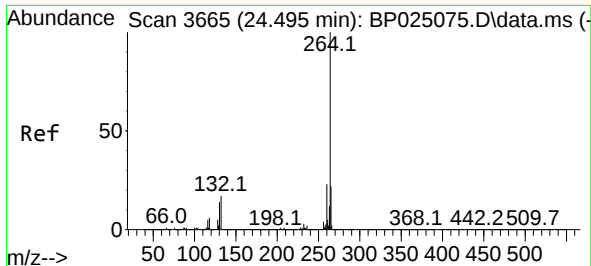
Tgt Ion:149 Resp: 3932  
Ion Ratio Lower Upper  
149 100  
91 131.8 50.6 76.0#  
206 28.8 17.2 25.8#



#85  
Di-n-octyl phthalate  
Concen: 6.112 ng  
RT: 22.548 min Scan# 3334  
Delta R.T. -0.012 min  
Lab File: BP025085.D  
Acq: 10 Jul 2025 16:15

Tgt Ion:149 Resp: 3089  
Ion Ratio Lower Upper  
149 100  
167 19.8 1.3 1.9#  
43 44.9 6.9 10.3#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.471 min Scan# 30  
 Delta R.T. -0.024 min  
 Lab File: BP025085.D  
 Acq: 10 Jul 2025 16:15

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LAW-PAD-070825

Tgt Ion:264 Resp: 3088694  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 28.0  
 265 22.5 17.7 26.5

