

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110425\  
 Data File : BP026070.D  
 Acq On : 04 Nov 2025 14:11  
 Operator : RC/JU  
 Sample : PB170372BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170372BL

Quant Time: Nov 04 14:48:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 30 11:51:34 2025  
 Response via : Initial Calibration

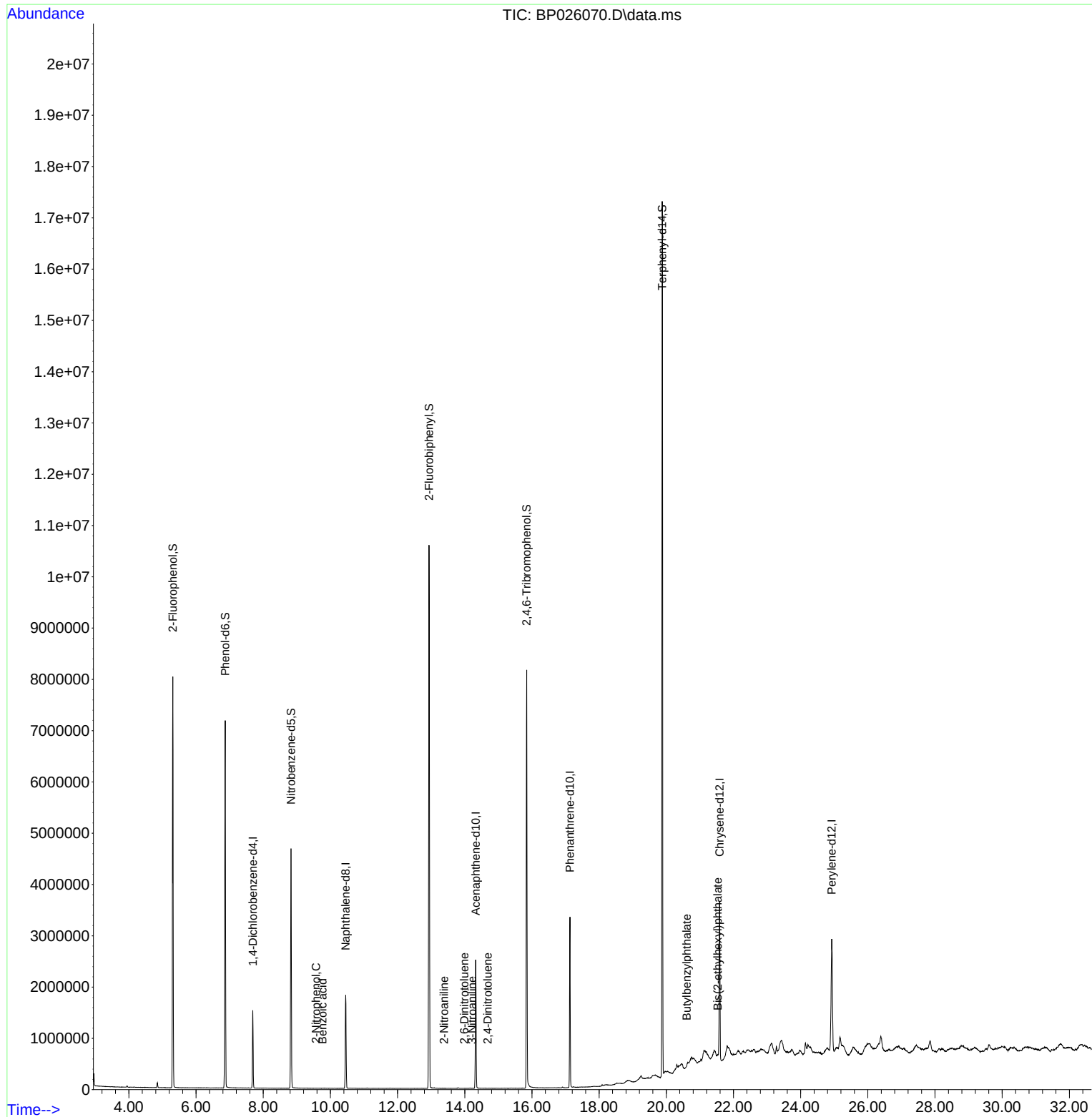
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.690  | 152  | 419381   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.454 | 136  | 1585092  | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.325 | 164  | 957469   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.131 | 188  | 1887659  | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 21.589 | 240  | 1951772  | 20.000  | ng     | 0.02     |
| 86) Perylene-d12              | 24.924 | 264  | 2315149  | 20.000  | ng     | 0.04     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.308  | 112  | 3479364  | 136.899 | ng     | 0.01     |
| 7) Phenol-d6                  | 6.866  | 99   | 4206481  | 130.034 | ng     | 0.01     |
| 23) Nitrobenzene-d5           | 8.825  | 82   | 2485776  | 97.763  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.842 | 330  | 1608137  | 155.358 | ng     | 0.01     |
| 45) 2-Fluorobiphenyl          | 12.937 | 172  | 5907934  | 88.663  | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.878 | 244  | 8702728  | 90.590  | ng     | 0.01     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         | Qvalue |          |
| 26) 2-Nitrophenol             | 9.572  | 139  | 261      | 2.702   | ng     | # 1      |
| 32) Benzoic acid              | 9.760  | 122  | 203      | 3.135   | ng     | # 56     |
| 48) 2-Nitroaniline            | 13.384 | 65   | 54       | 2.913   | ng     | # 30     |
| 51) 2,6-Dinitrotoluene        | 13.990 | 165  | 252      | 3.009   | ng     | 92       |
| 53) 3-Nitroaniline            | 14.219 | 138  | 45       | 2.640   | ng     | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.684 | 165  | 157      | 3.094   | ng     | # 98     |
| 80) Butylbenzylphthalate      | 20.613 | 149  | 2101     | 3.437   | ng     | # 80     |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149  | 9244     | 2.708   | ng     | # 71     |
| -----                         |        |      |          |         |        |          |

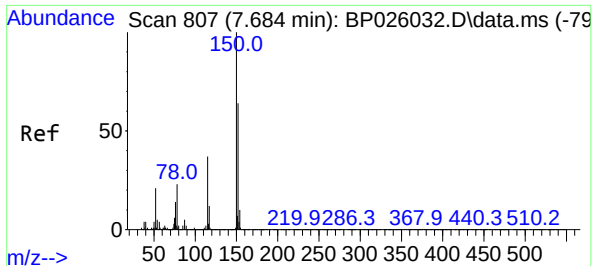
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 30 11:51:34 2025  
Response via : Initial Calibration

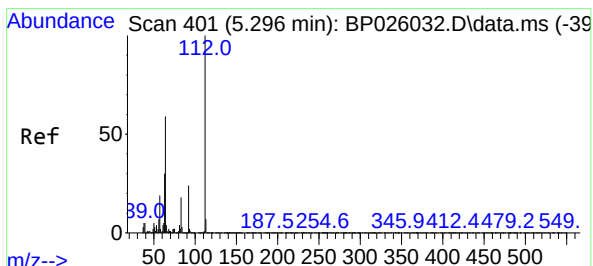
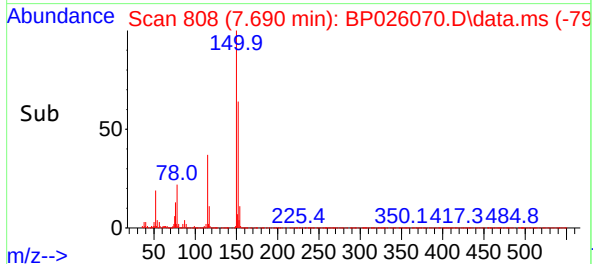
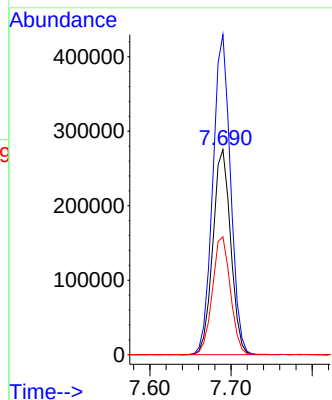
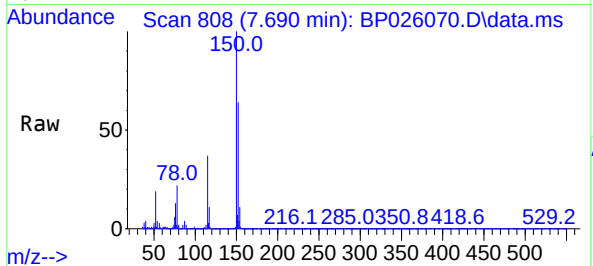




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.690 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

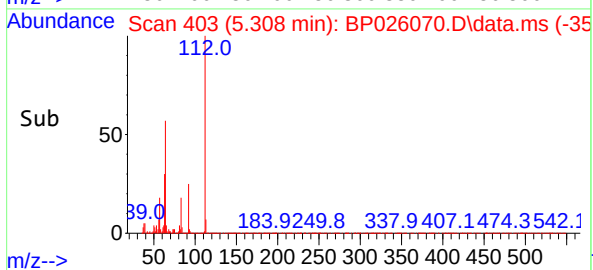
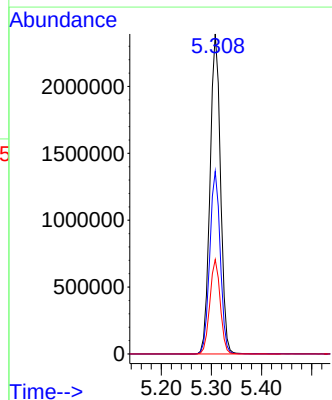
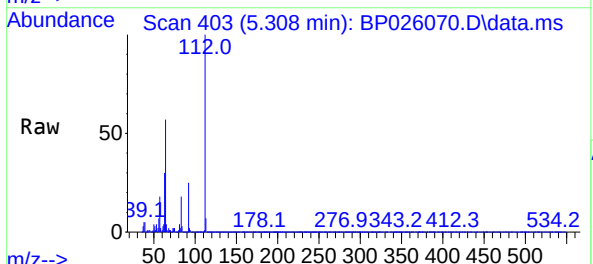
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BNA\_P  
ClientSampleId :  
PB170372BL

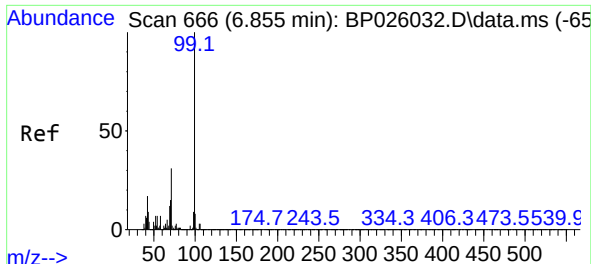
Tgt Ion:152 Resp: 419381  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.7 188.5  
115 57.5 46.4 69.6



#5  
2-Fluorophenol  
Concen: 136.899 ng  
RT: 5.308 min Scan# 403  
Delta R.T. 0.012 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:112 Resp: 3479364  
Ion Ratio Lower Upper  
112 100  
64 57.0 47.4 71.2  
63 29.5 24.2 36.4

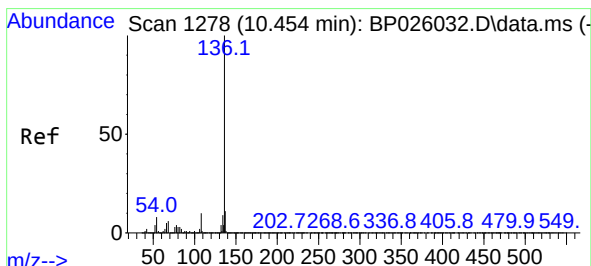
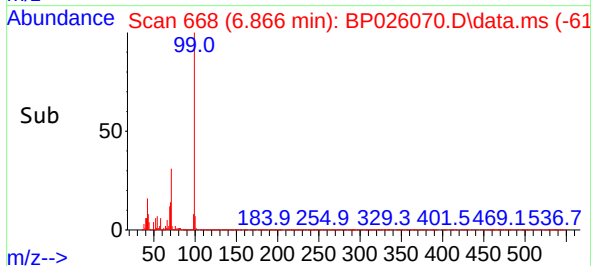
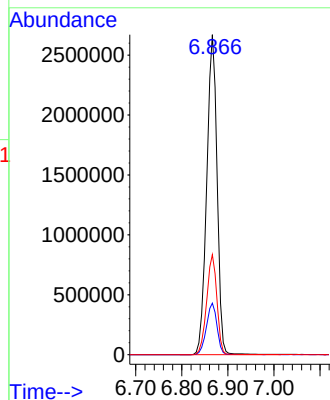
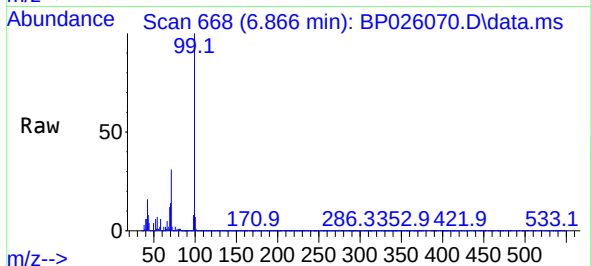




#7  
Phenol-d6  
Concen: 130.034 ng  
RT: 6.866 min Scan# 60  
Delta R.T. 0.012 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

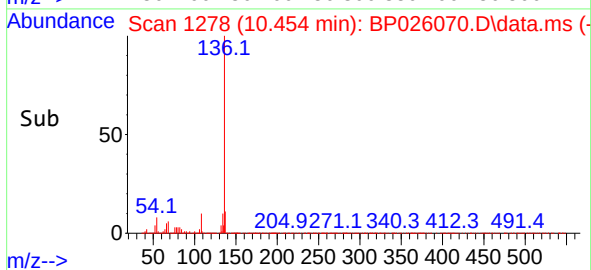
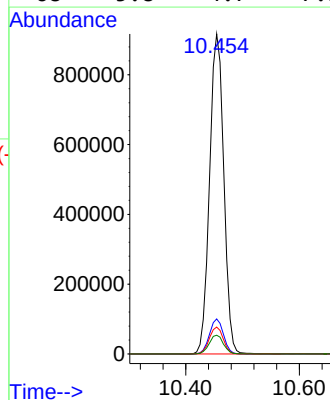
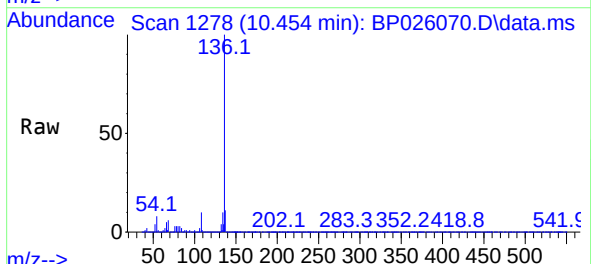
Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

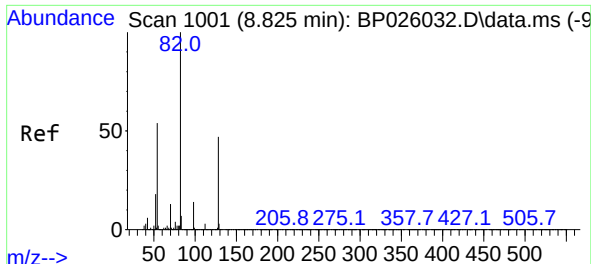
Tgt Ion: 99 Resp: 4206481  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.7 20.5  
71 31.3 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.454 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:136 Resp: 1585092  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.4 6.6 10.0  
68 5.8 4.7 7.1

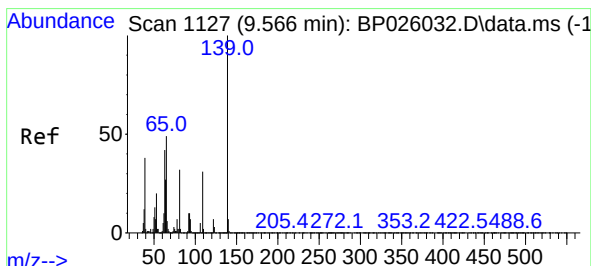
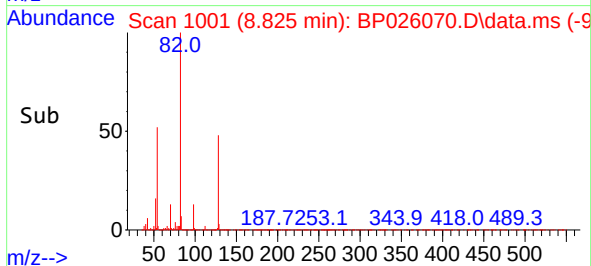
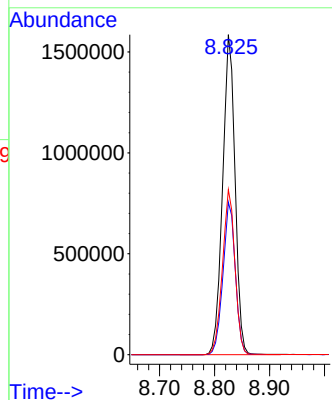
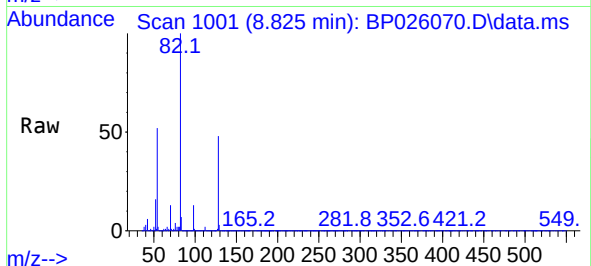




#23  
Nitrobenzene-d5  
Concen: 97.763 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

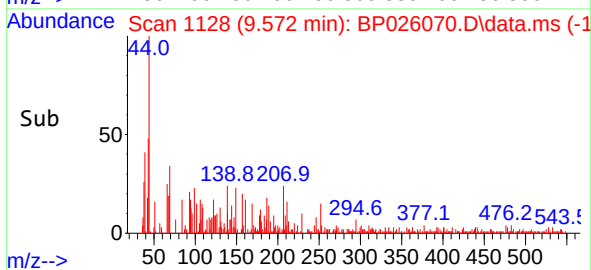
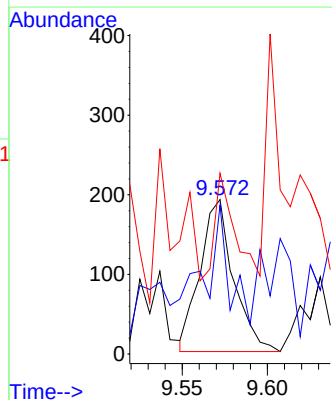
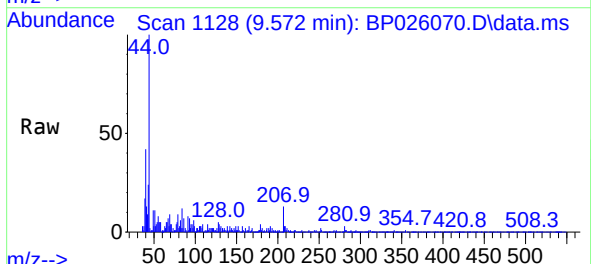
Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

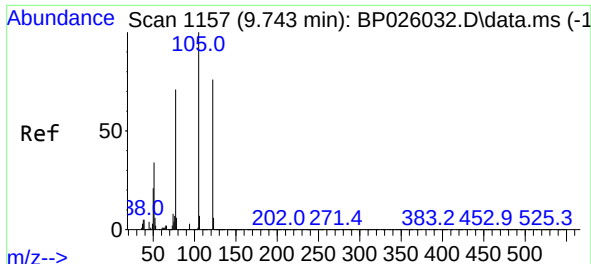
Tgt Ion: 82 Resp: 2485776  
Ion Ratio Lower Upper  
82 100  
128 47.7 37.4 56.0  
54 51.5 42.7 64.1



#26  
2-Nitrophenol  
Concen: 2.702 ng  
RT: 9.572 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:139 Resp: 261  
Ion Ratio Lower Upper  
139 100  
109 96.4 24.8 37.2#  
65 117.0 39.0 58.4#

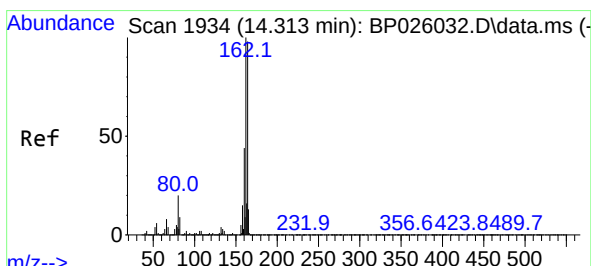
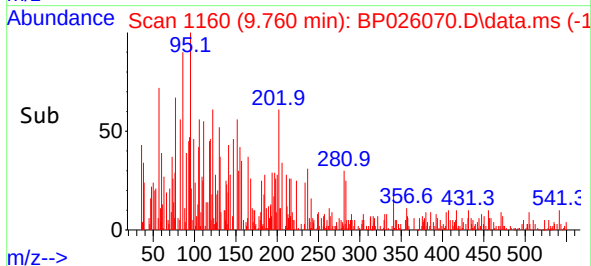
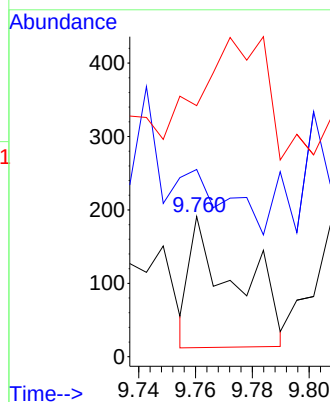
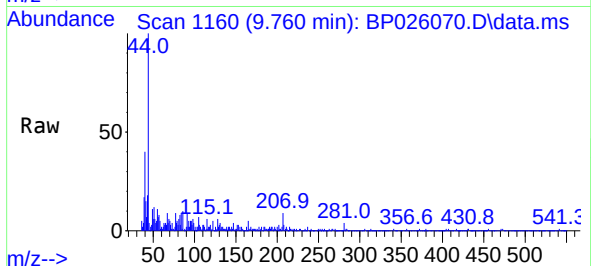




#32  
Benzoic acid  
Concen: 3.135 ng  
RT: 9.760 min Scan# 1157  
Delta R.T. -0.018 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

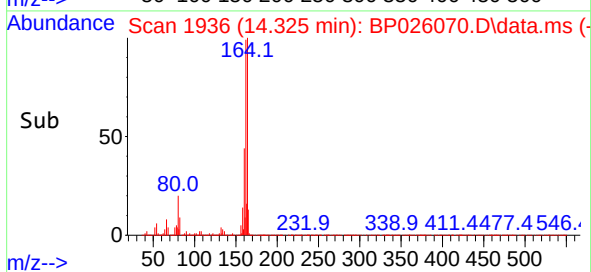
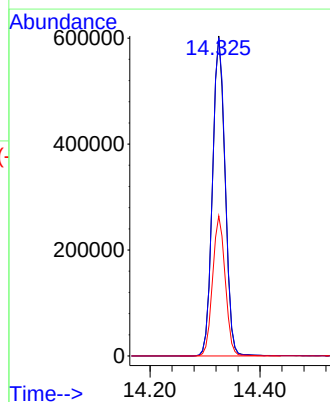
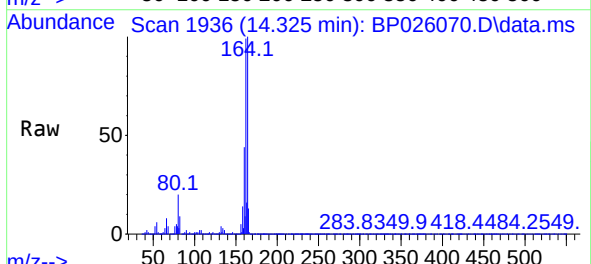
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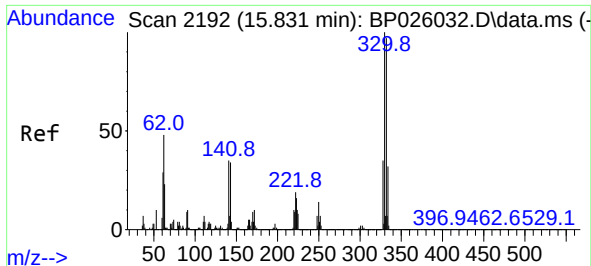
Tgt Ion:122 Resp: 203  
Ion Ratio Lower Upper  
122 100  
105 133.5 104.8 144.8  
77 179.1 70.9 110.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.325 min Scan# 1936  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:164 Resp: 957469  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.5 122.3  
160 43.7 36.2 54.4

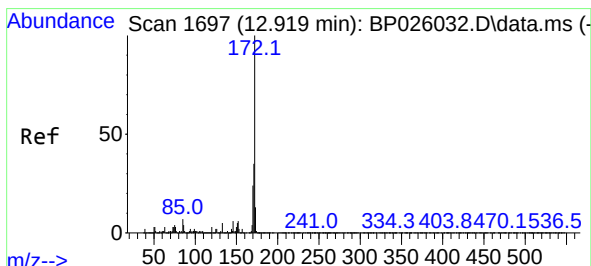
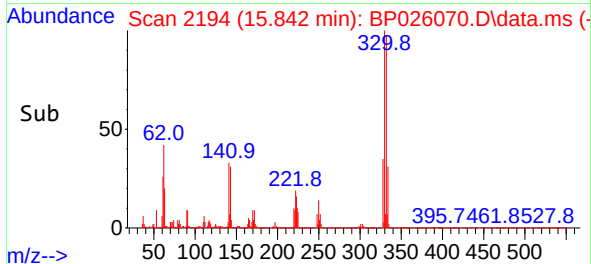
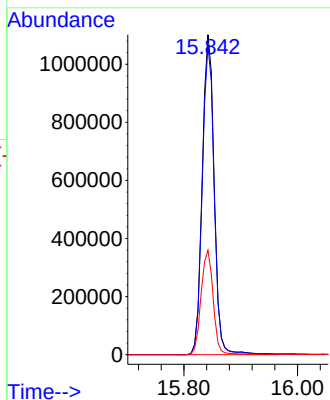
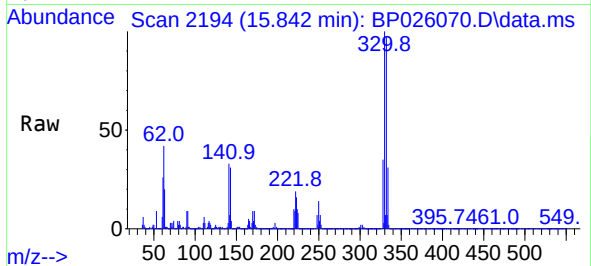




#42  
2,4,6-Tribromophenol  
Concen: 155.358 ng  
RT: 15.842 min Scan# 2192  
Delta R.T. 0.012 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

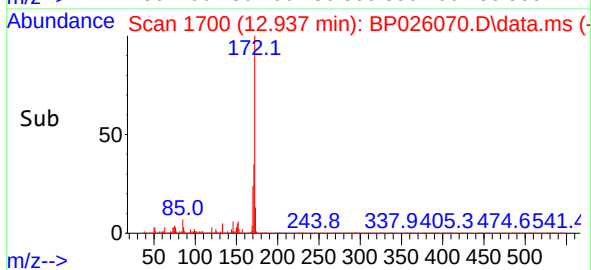
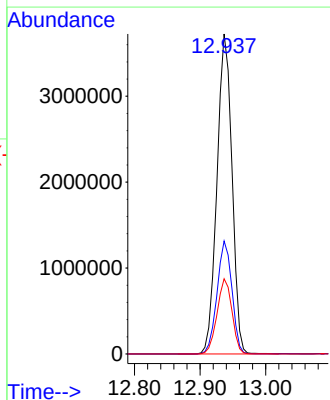
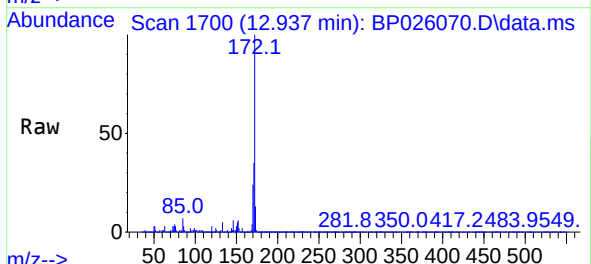
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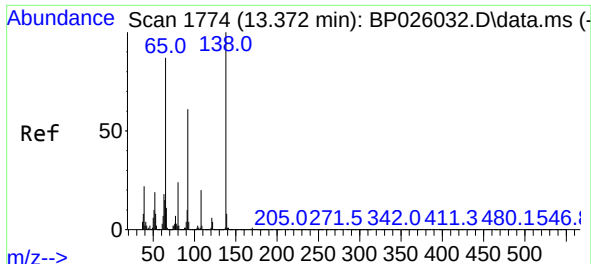
Tgt Ion:330 Resp: 1608137  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.3 115.9  
141 33.2 28.6 42.8



#45  
2-Fluorobiphenyl  
Concen: 88.663 ng  
RT: 12.937 min Scan# 1700  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:172 Resp: 5907934  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 23.5 19.0 28.4

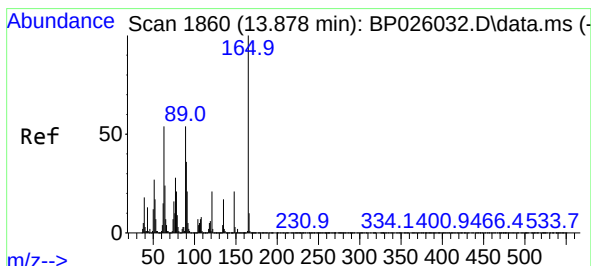
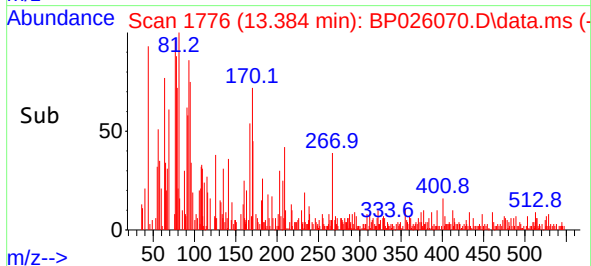
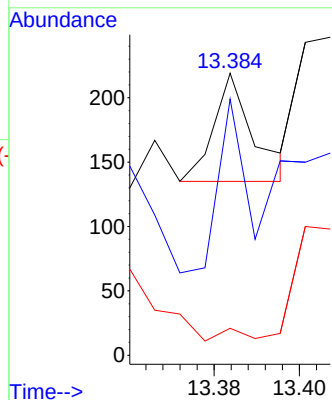
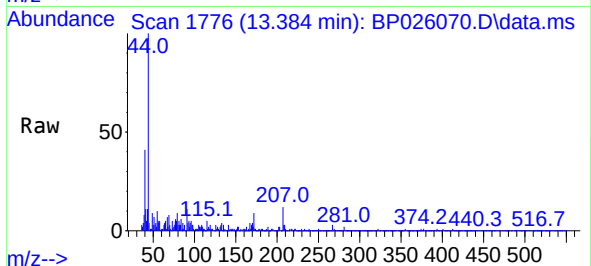




#48  
2-Nitroaniline  
Concen: 2.913 ng  
RT: 13.384 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

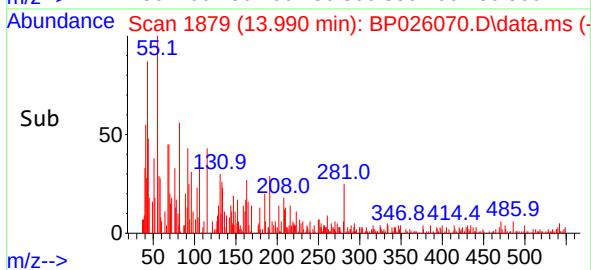
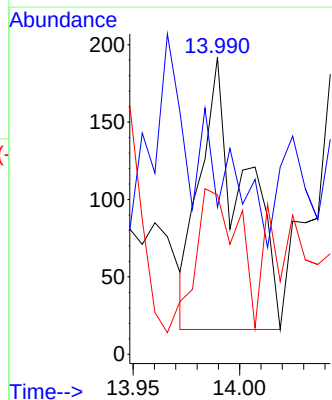
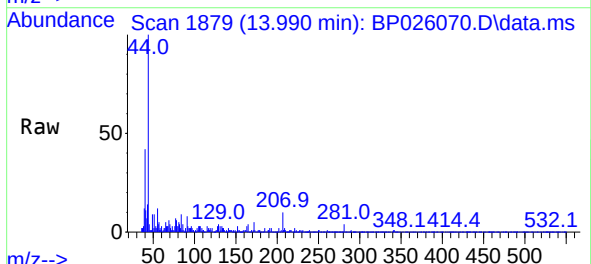
Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

Tgt Ion: 65 Resp: 54  
Ion Ratio Lower Upper  
65 100  
92 90.9 55.5 83.3#  
138 9.6 91.7 137.5#

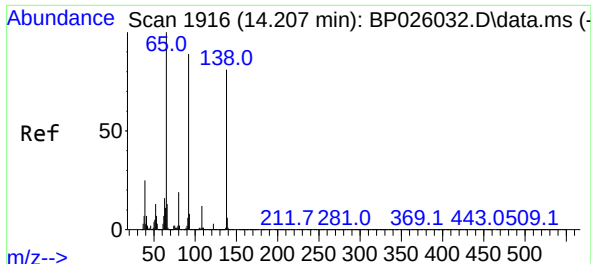


#51  
2,6-Dinitrotoluene  
Concen: 3.009 ng  
RT: 13.990 min Scan# 1879  
Delta R.T. 0.112 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion: 165 Resp: 252  
Ion Ratio Lower Upper  
165 100  
63 46.3 43.0 64.4  
89 50.2 43.0 64.4



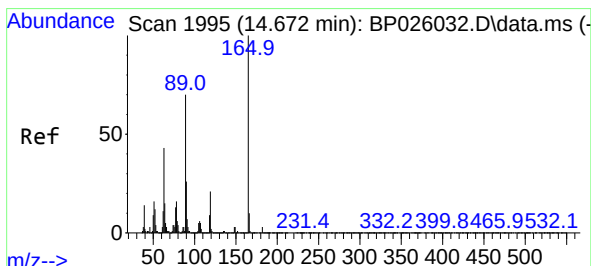
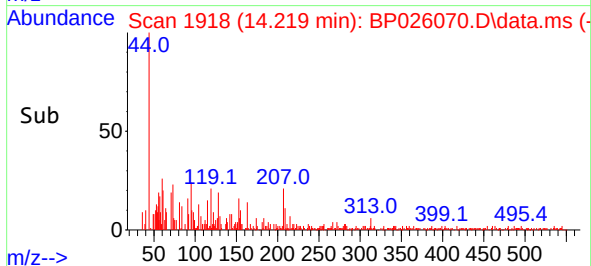
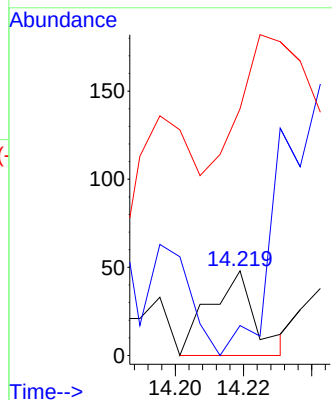
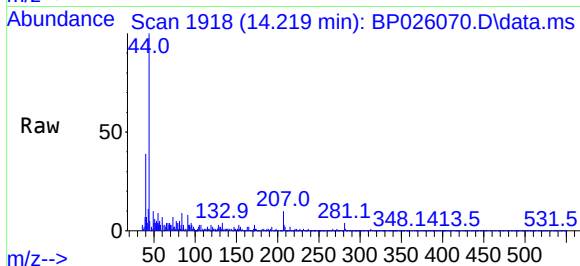




#53  
3-Nitroaniline  
Concen: 2.640 ng  
RT: 14.219 min Scan# 1916  
Delta R.T. 0.012 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

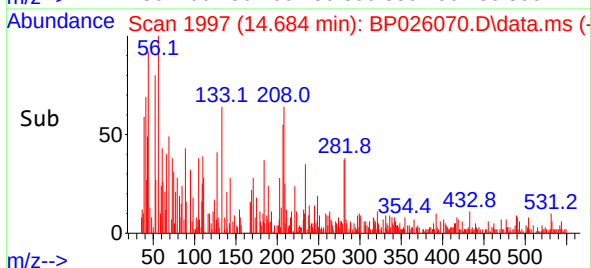
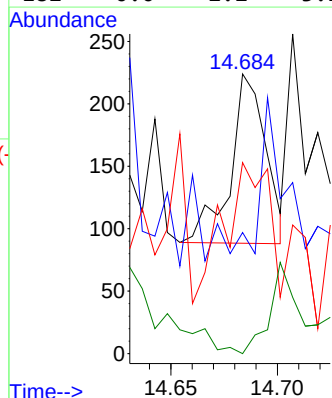
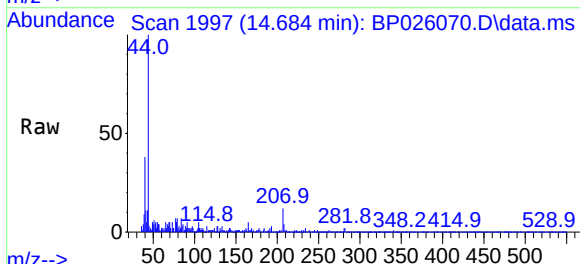
Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

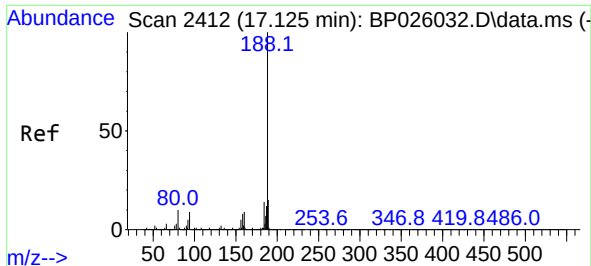
Tgt Ion:138 Resp: 45  
Ion Ratio Lower Upper  
138 100  
108 35.4 11.4 17.0#  
92 291.7 87.1 130.7#



#57  
2,4-Dinitrotoluene  
Concen: 3.094 ng  
RT: 14.684 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:165 Resp: 157  
Ion Ratio Lower Upper  
165 100  
63 43.3 34.2 51.2  
89 68.3 56.0 84.0  
182 0.0 2.2 3.2#

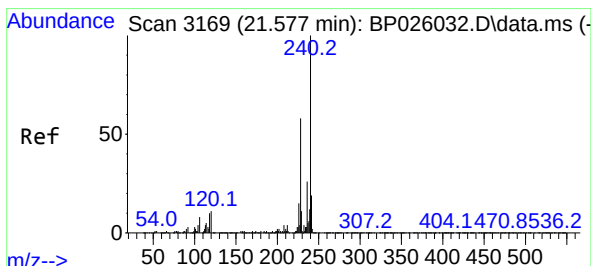
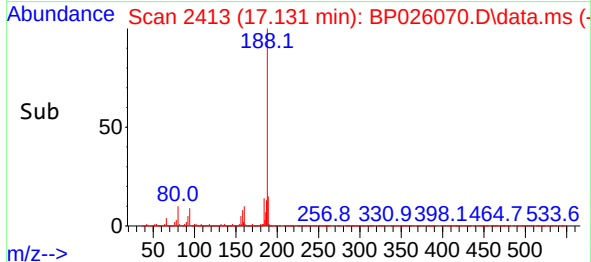
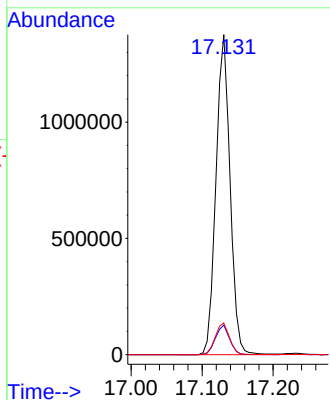
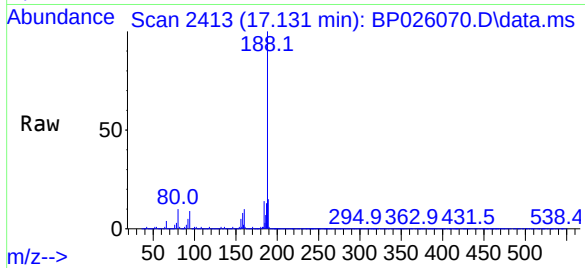




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.131 min Scan# 2412  
Delta R.T. 0.006 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

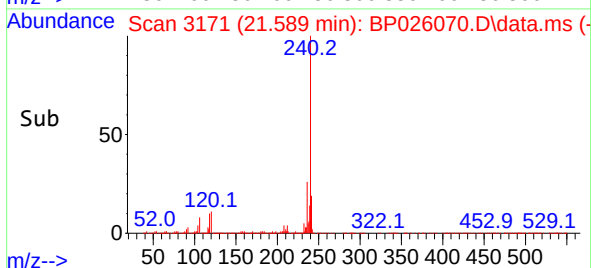
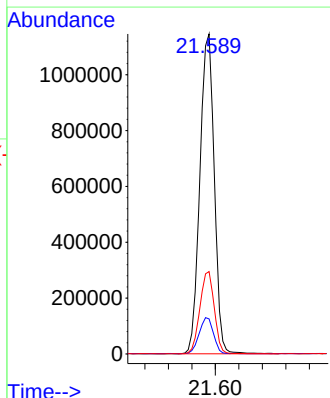
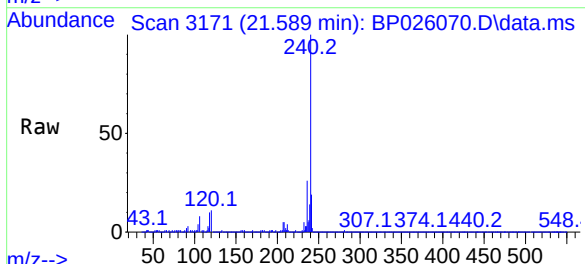
Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

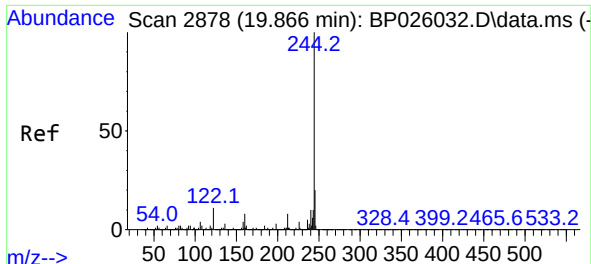
Tgt Ion:188 Resp: 1887659  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.1 10.7  
80 9.9 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.589 min Scan# 3171  
Delta R.T. 0.024 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:240 Resp: 1951772  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.9 13.3  
236 25.7 20.6 31.0

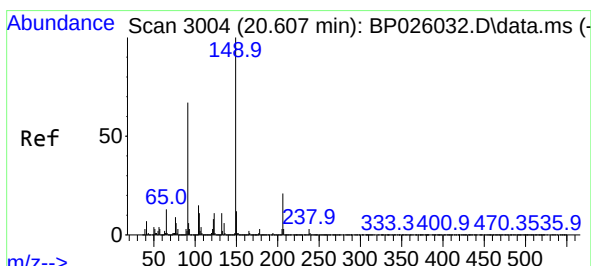
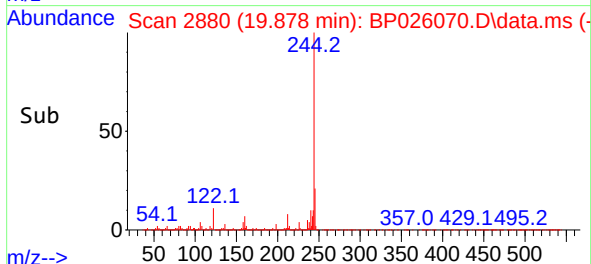
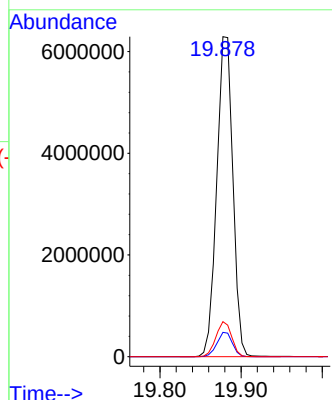
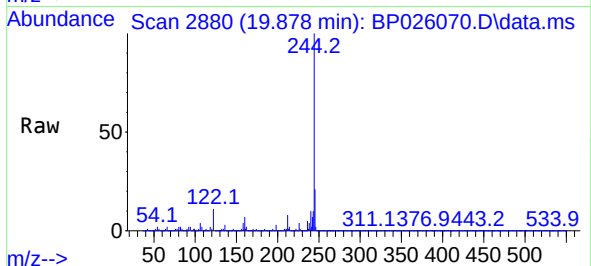




#79  
 Terphenyl-d14  
 Concen: 90.590 ng  
 RT: 19.878 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BP026070.D  
 Acq: 04 Nov 2025 14:11

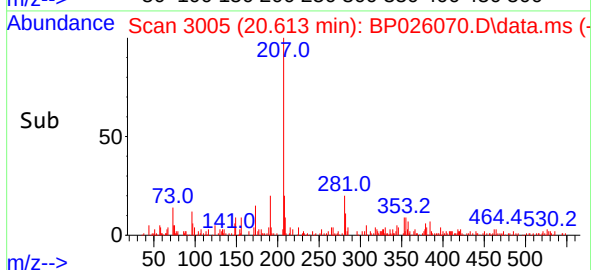
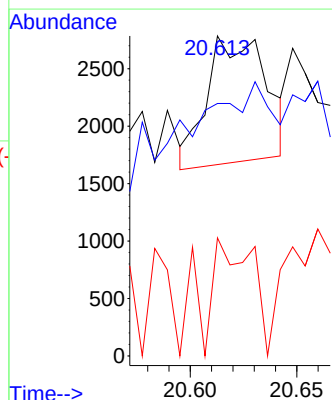
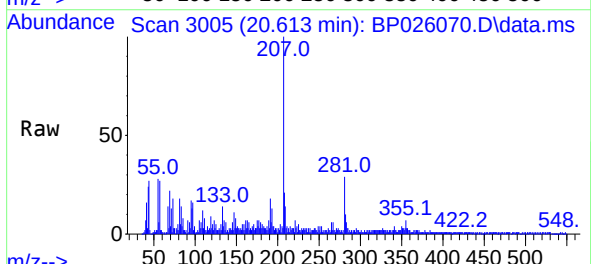
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170372BL

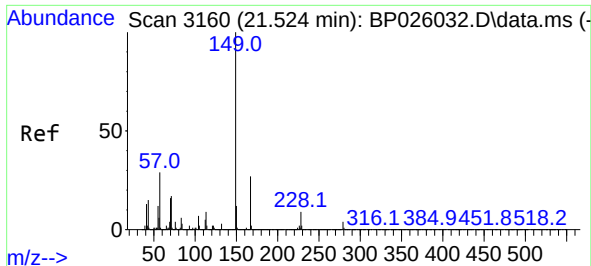
Tgt Ion:244 Resp: 8702728  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.0 9.0  
 122 10.9 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 3.437 ng  
 RT: 20.613 min Scan# 3005  
 Delta R.T. 0.006 min  
 Lab File: BP026070.D  
 Acq: 04 Nov 2025 14:11

Tgt Ion:149 Resp: 2101  
 Ion Ratio Lower Upper  
 149 100  
 91 78.9 53.5 80.3  
 206 36.9 16.6 25.0#

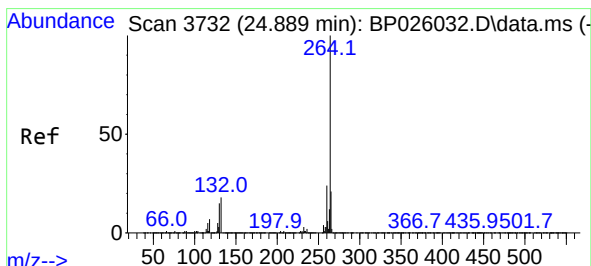
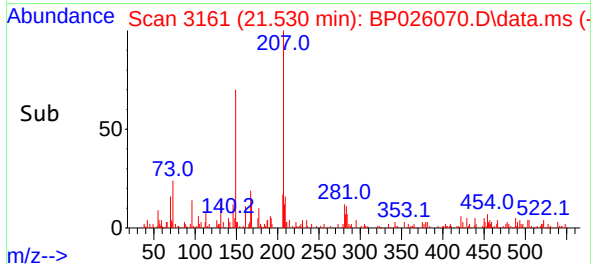
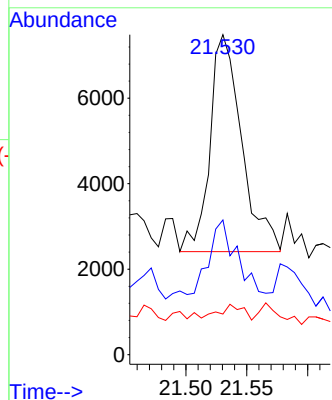
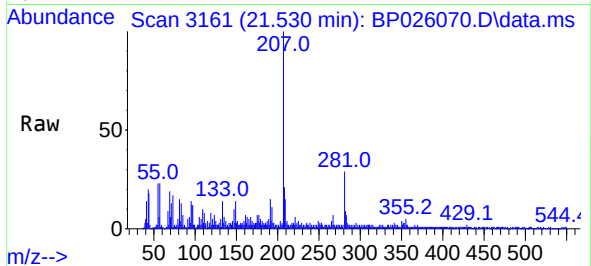




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.708 ng  
RT: 21.530 min Scan# 3160  
Delta R.T. 0.012 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB170372BL

Tgt Ion:149 Resp: 9244  
Ion Ratio Lower Upper  
149 100  
167 42.1 21.5 32.3#  
279 12.7 3.0 4.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.924 min Scan# 3738  
Delta R.T. 0.041 min  
Lab File: BP026070.D  
Acq: 04 Nov 2025 14:11

Tgt Ion:264 Resp: 2315149  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.1 28.7  
265 21.9 17.2 25.8

