

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052825\  
 Data File : BP024823.D  
 Acq On : 28 May 2025 20:13  
 Operator : RC/JU  
 Sample : Q2130-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-3

Quant Time: May 29 02:25:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 28 14:16:13 2025  
 Response via : Initial Calibration

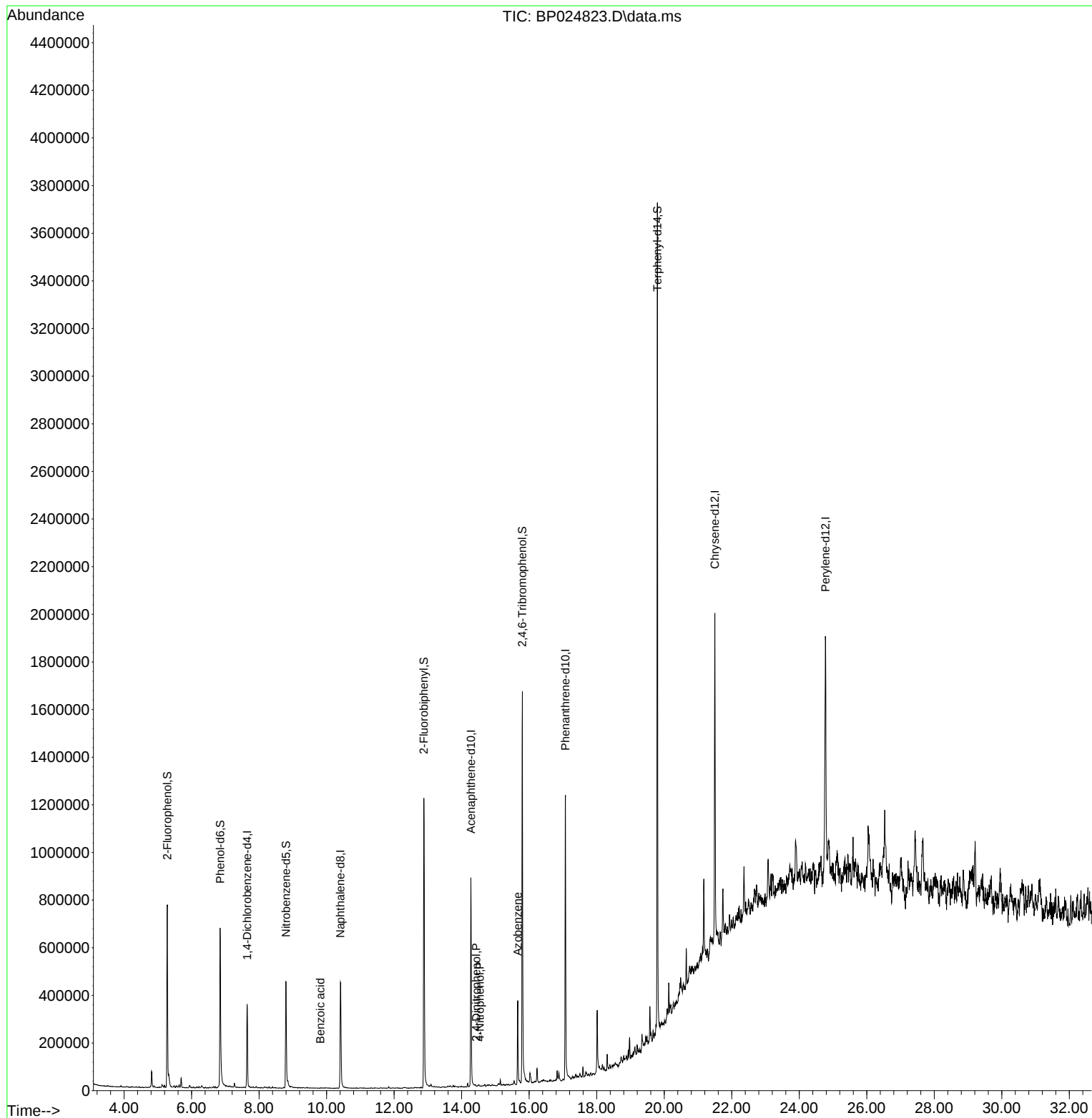
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.646  | 152  | 104201   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8          | 10.410 | 136  | 452080   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10        | 14.275 | 164  | 326071   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10        | 17.075 | 188  | 683439   | 20.000 | ng     | 0.01     |
| 76) Chrysene-d12            | 21.498 | 240  | 792060   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12            | 24.774 | 264  | 971006   | 20.000 | ng     | 0.03     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 5) 2-Fluorophenol           | 5.281  | 112  | 381141   | 62.561 | ng     | 0.00     |
| 7) Phenol-d6                | 6.846  | 99   | 489585   | 62.965 | ng     | 0.00     |
| 23) Nitrobenzene-d5         | 8.799  | 82   | 286359   | 32.005 | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.798 | 330  | 403924   | 73.071 | ng     | 0.01     |
| 45) 2-Fluorobiphenyl        | 12.881 | 172  | 717968   | 28.847 | ng     | 0.00     |
| 79) Terphenyl-d14           | 19.798 | 244  | 1606873  | 34.786 | ng     | 0.01     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 32) Benzoic acid            | 9.816  | 122  | 10       | 7.470  | ng     | # 1      |
| 54) 2,4-Dinitrophenol       | 14.434 | 184  | 30       | 6.409  | ng     | # 1      |
| 56) 4-Nitrophenol           | 14.540 | 139  | 24       | 4.239  | ng     | # 24     |
| 63) Azobenzene              | 15.663 | 77   | 101234   | 4.711  | ng     | # 1      |
| -----                       |        |      |          |        |        |          |

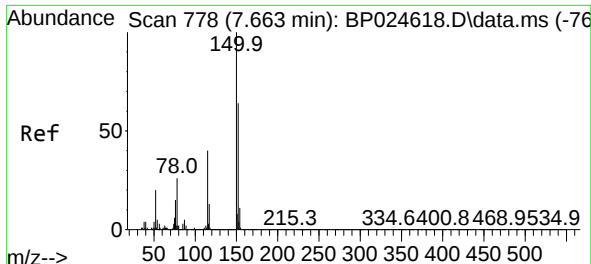
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 28 14:16:13 2025  
Response via : Initial Calibration

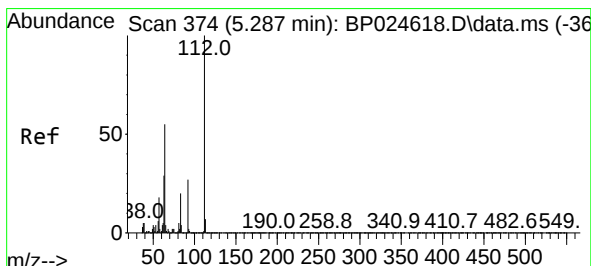
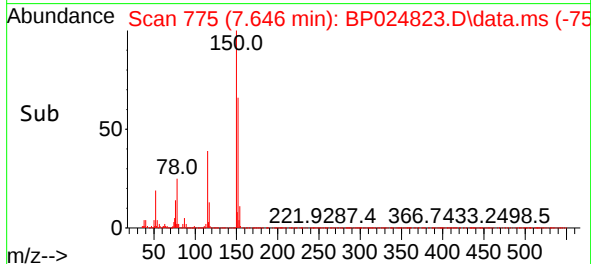
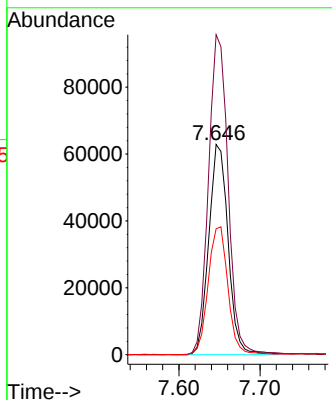
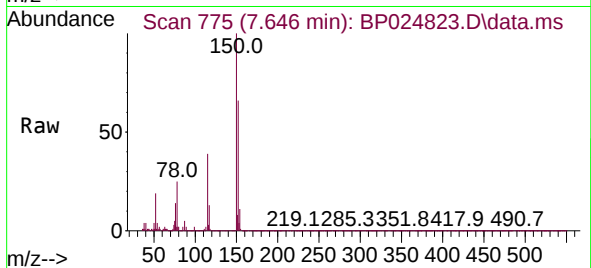




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.646 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

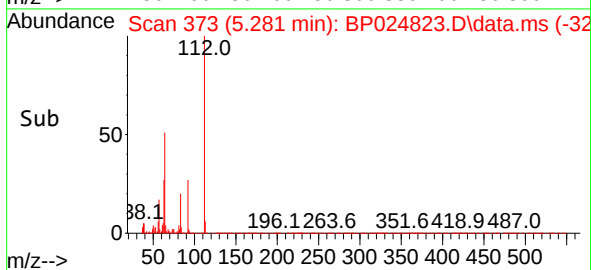
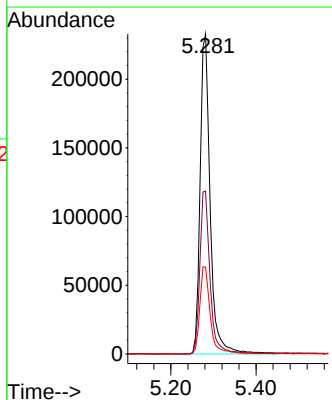
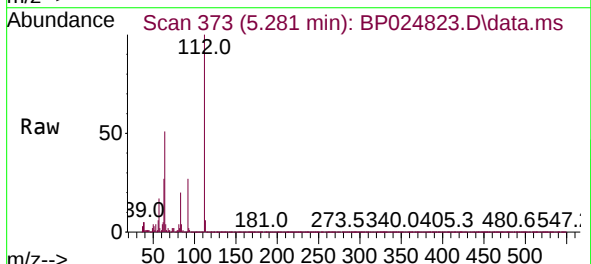
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:152 Resp: 104201  
Ion Ratio Lower Upper  
152 100  
150 152.2 125.9 188.9  
115 59.9 50.1 75.1



#5  
2-Fluorophenol  
Concen: 62.561 ng  
RT: 5.281 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion:112 Resp: 381141  
Ion Ratio Lower Upper  
112 100  
64 50.9 44.1 66.1  
63 27.1 23.5 35.3

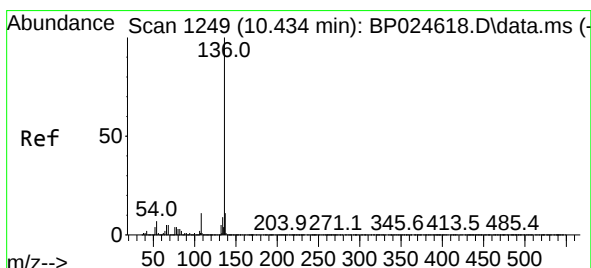
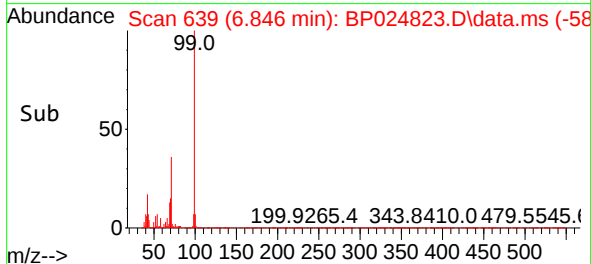
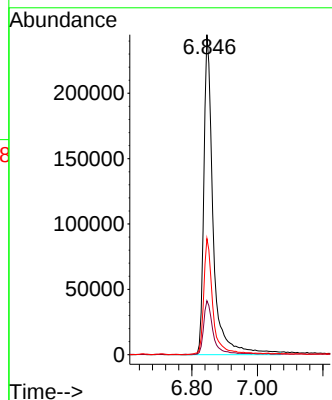
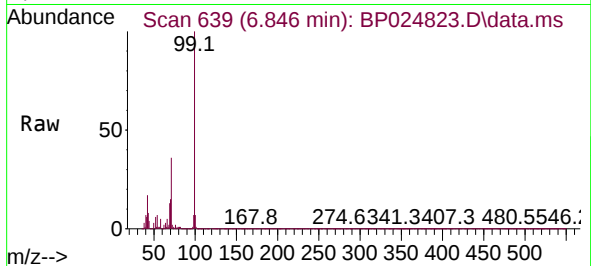




#7  
Phenol-d6  
Concen: 62.965 ng  
RT: 6.846 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

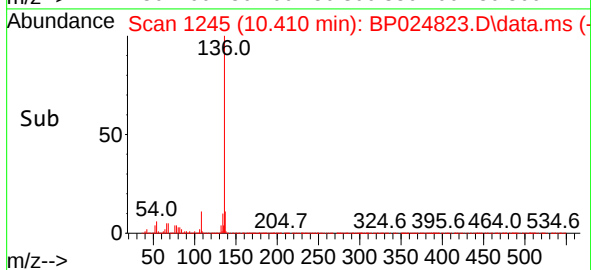
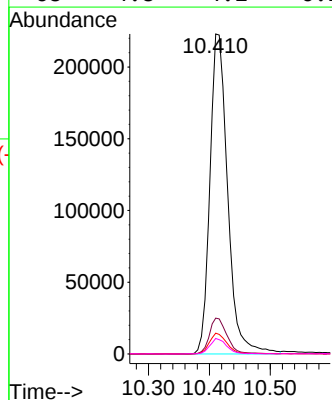
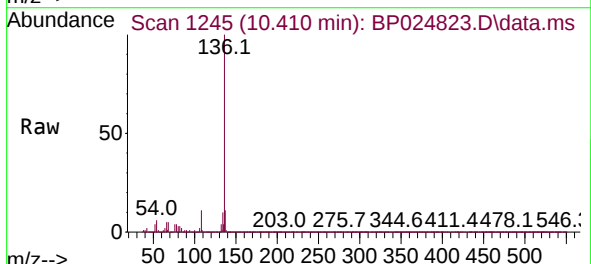
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ClientSampleId :  
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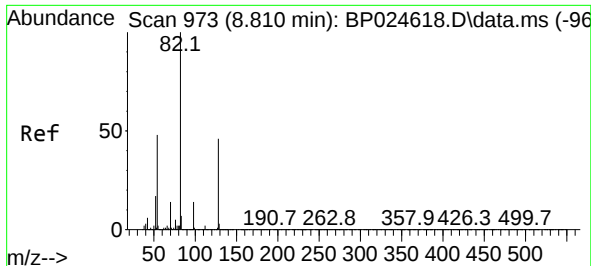
Tgt Ion: 99 Resp: 489585  
Ion Ratio Lower Upper  
99 100  
42 16.8 14.4 21.6  
71 36.3 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.410 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion: 136 Resp: 452080  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 6.5 5.5 8.3  
68 4.8 4.2 6.2

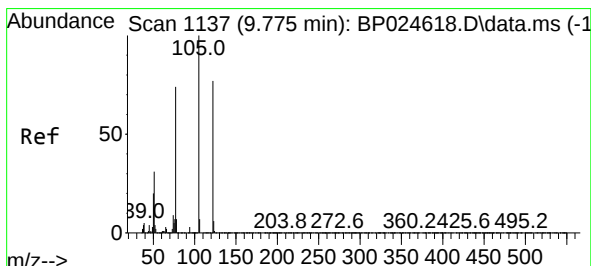
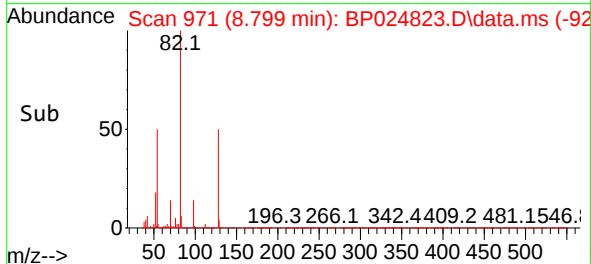
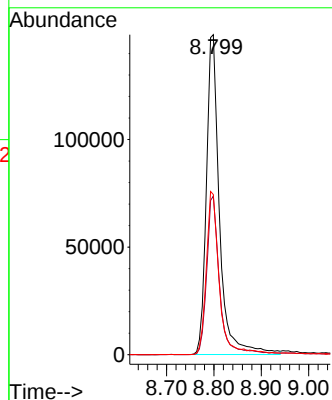
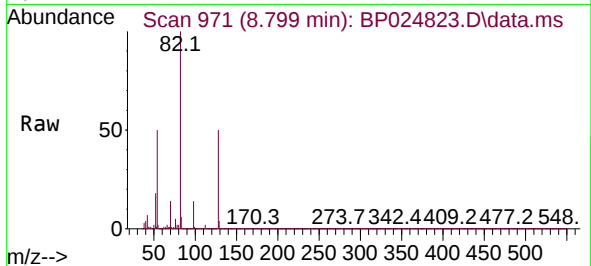




#23  
Nitrobenzene-d5  
Concen: 32.005 ng  
RT: 8.799 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

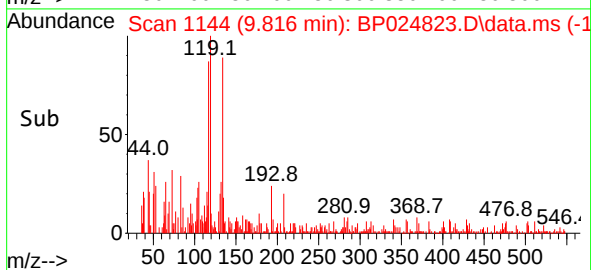
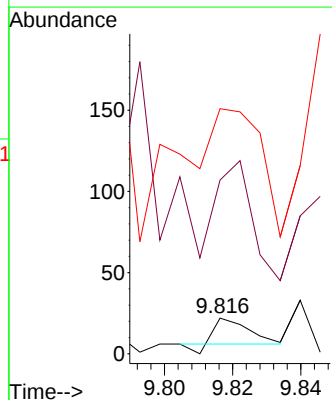
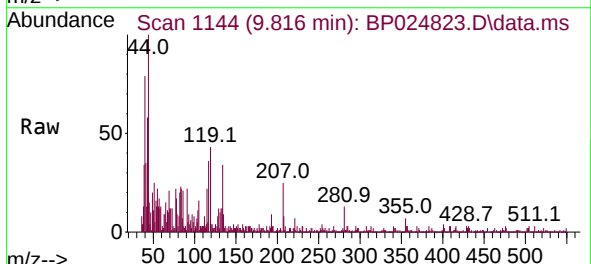
Instrument :  
BNA\_P  
ClientSampleId :  
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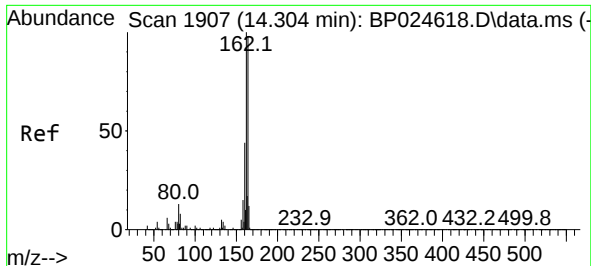
Tgt Ion: 82 Resp: 286359  
Ion Ratio Lower Upper  
82 100  
128 49.5 37.0 55.4  
54 50.1 38.7 58.1



#32  
Benzoic acid  
Concen: 7.470 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. 0.024 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion:122 Resp: 10  
Ion Ratio Lower Upper  
122 100  
105 486.4 106.9 146.9#  
77 686.4 75.1 115.1#

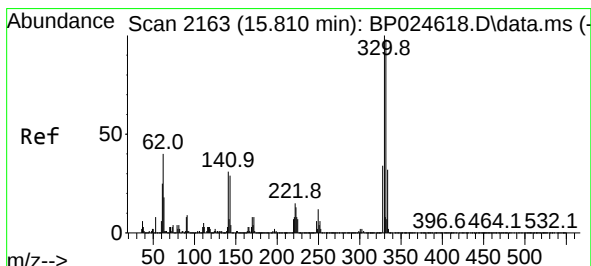
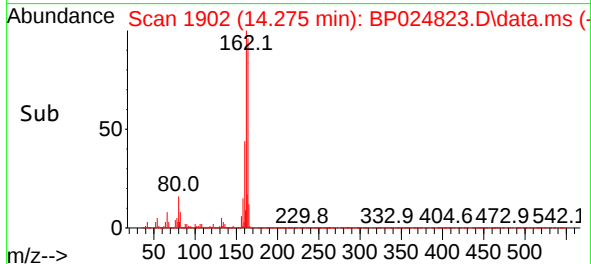
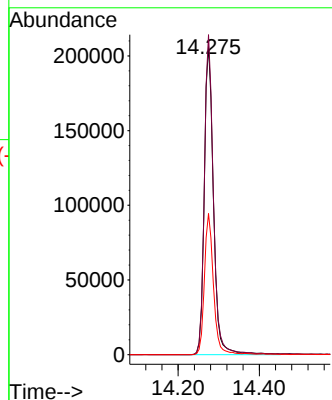
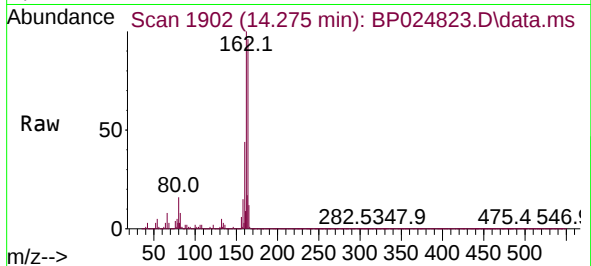




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.275 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

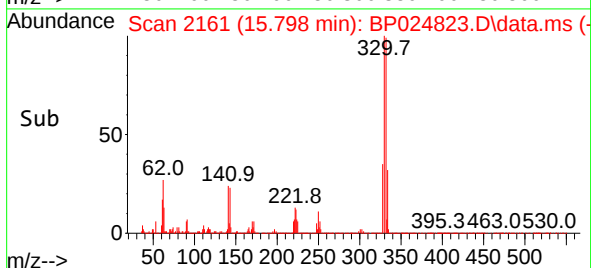
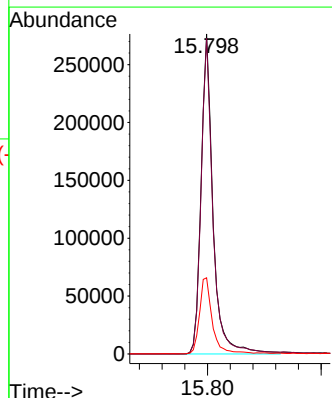
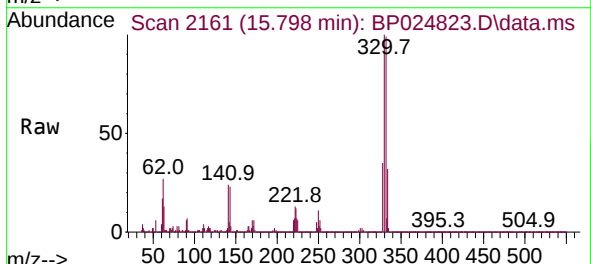
Instrument :  
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ClientSampleId :  
TP-3

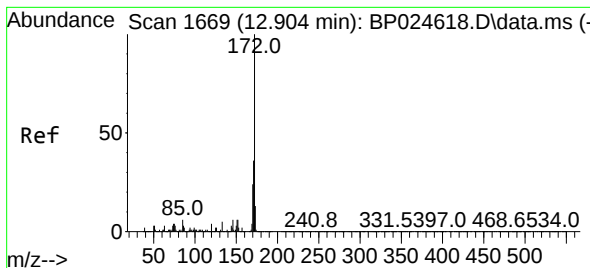
Tgt Ion:164 Resp: 326071  
Ion Ratio Lower Upper  
164 100  
162 103.7 81.8 122.6  
160 45.7 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 73.071 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. 0.012 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion:330 Resp: 403924  
Ion Ratio Lower Upper  
330 100  
332 97.9 78.2 117.4  
141 25.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 28.847 ng

RT: 12.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

Instrument :

BNA\_P

ClientSampleId :

TP-3

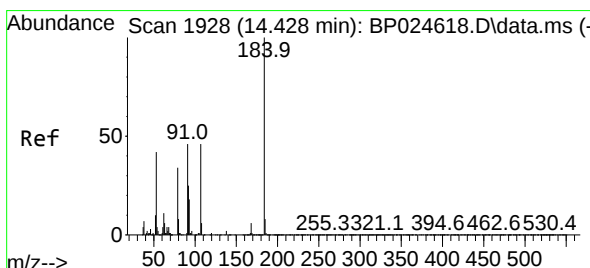
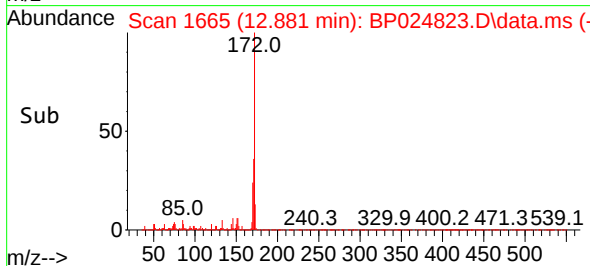
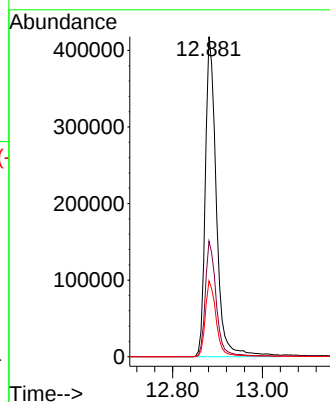
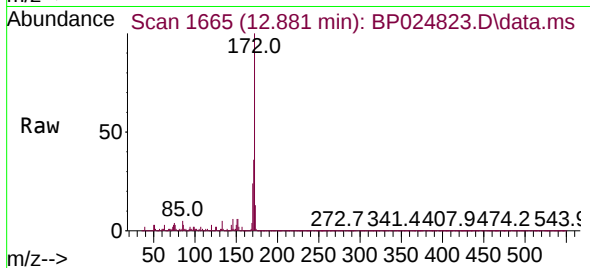
Tgt Ion:172 Resp: 717968

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.409 ng

RT: 14.434 min Scan# 1929

Delta R.T. 0.018 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

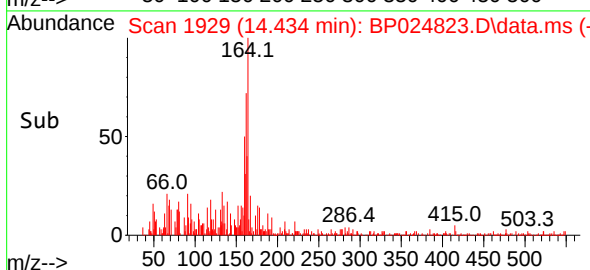
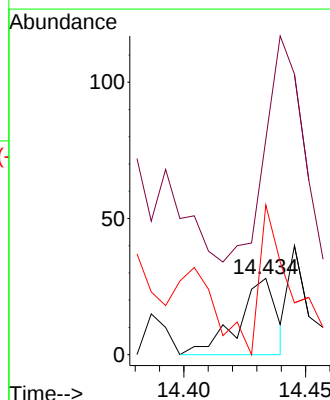
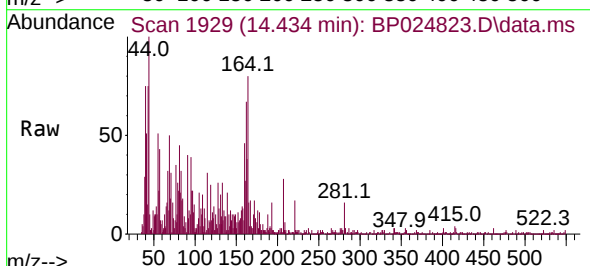
Tgt Ion:184 Resp: 30

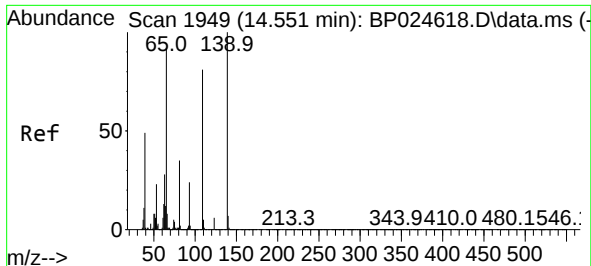
Ion Ratio Lower Upper

184 100

63 389.3 51.3 76.9#

154 196.4 53.5 80.3#

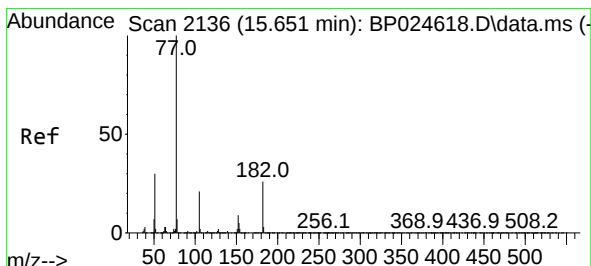
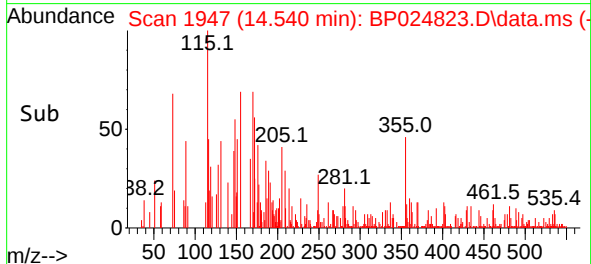
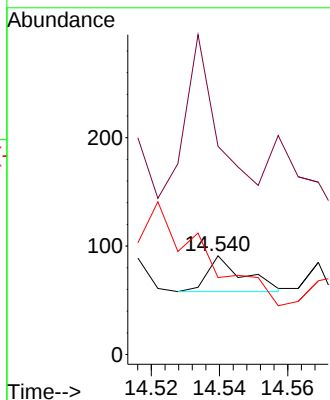
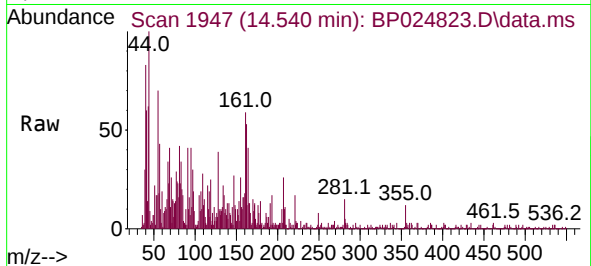




#56  
4-Nitrophenol  
Concen: 4.239 ng  
RT: 14.540 min Scan# 1949  
Delta R.T. -0.017 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

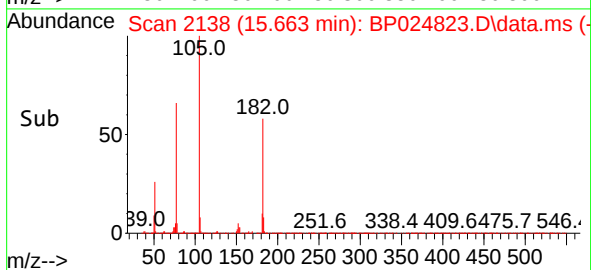
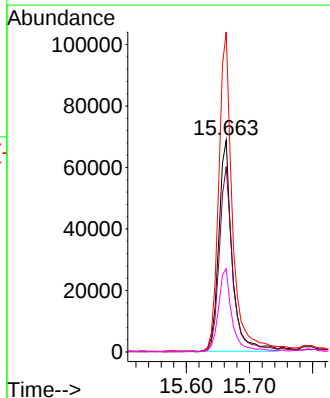
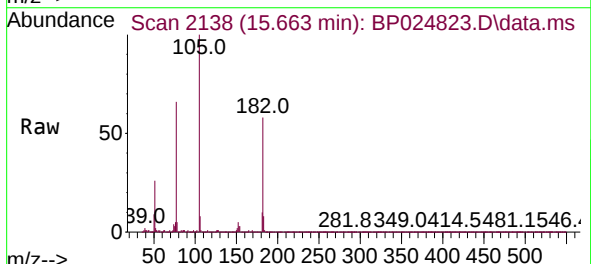
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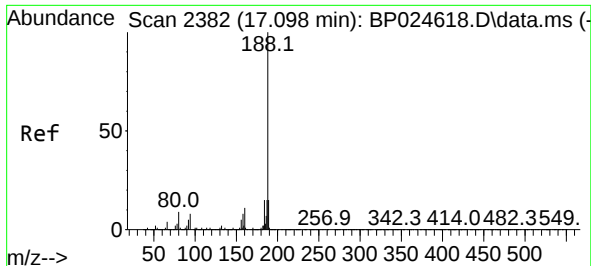
Tgt Ion:139 Resp: 24  
Ion Ratio Lower Upper  
139 100  
109 211.0 61.4 101.4#  
65 78.0 72.2 112.2



#63  
Azobenzene  
Concen: 4.711 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. 0.035 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion: 77 Resp: 101234  
Ion Ratio Lower Upper  
77 100  
182 87.5 5.7 45.7#  
105 151.1 1.3 41.3#  
51 39.3 10.6 50.6

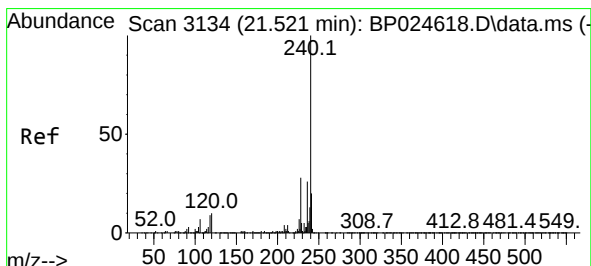
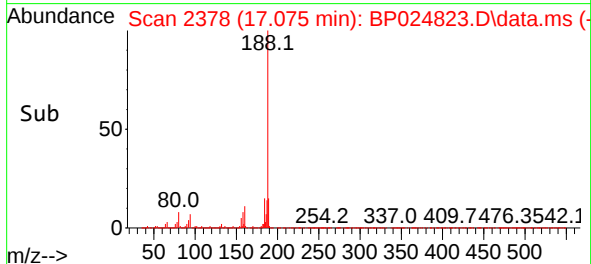
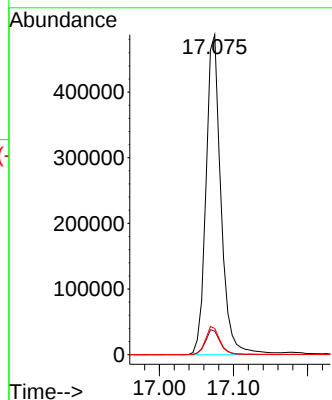
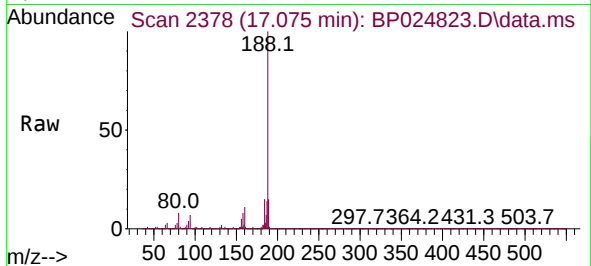




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.075 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

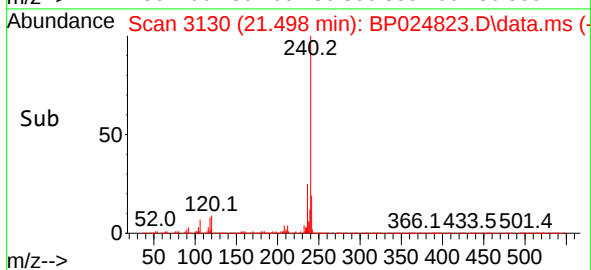
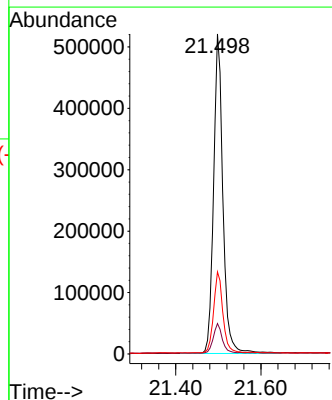
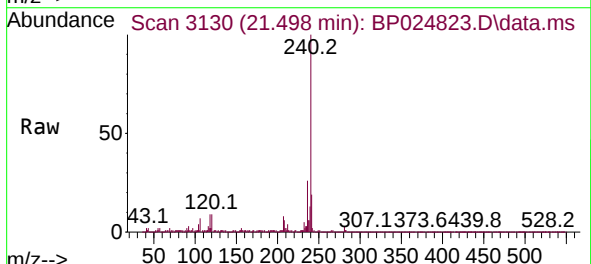
Instrument :  
BNA\_P  
ClientSampleId :  
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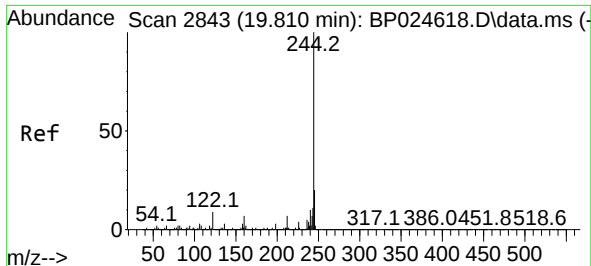
Tgt Ion:188 Resp: 683439  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.5 9.7  
80 8.2 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.498 min Scan# 3130  
Delta R.T. 0.006 min  
Lab File: BP024823.D  
Acq: 28 May 2025 20:13

Tgt Ion:240 Resp: 792060  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.8 11.6  
236 25.7 20.6 31.0

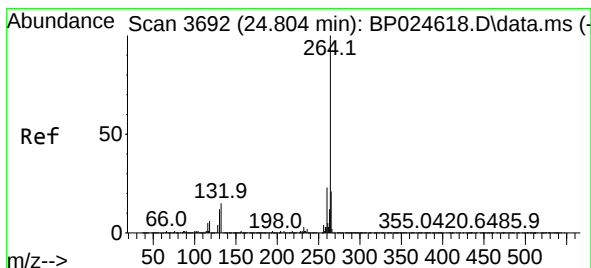
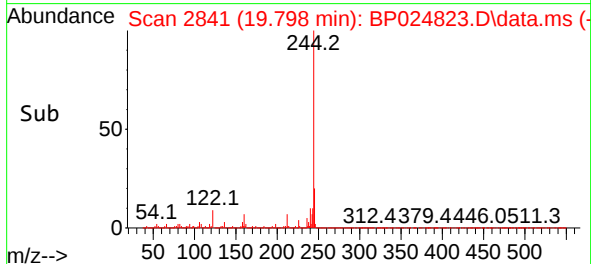
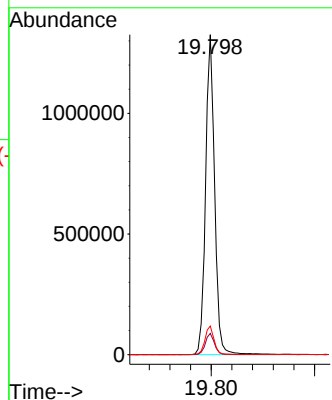
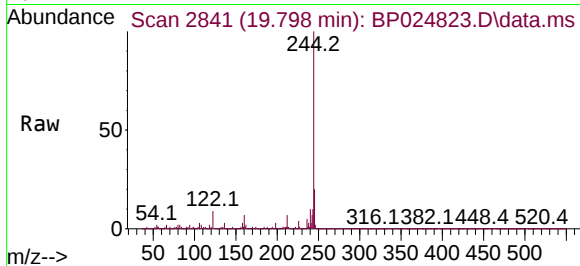




#79  
 Terphenyl-d14  
 Concen: 34.786 ng  
 RT: 19.798 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BP024823.D  
 Acq: 28 May 2025 20:13

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-3

Tgt Ion:244 Resp: 1606873  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.5 8.3  
 122 8.9 7.4 11.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.774 min Scan# 3687  
 Delta R.T. 0.030 min  
 Lab File: BP024823.D  
 Acq: 28 May 2025 20:13

Tgt Ion:264 Resp: 971006  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.7 28.1  
 265 23.5 17.0 25.6

