

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037014.D  
 Acq On : 14 May 2025 15:48  
 Operator : RC/JU  
 Sample : Q1872-13DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOILD

Quant Time: May 14 16:13:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

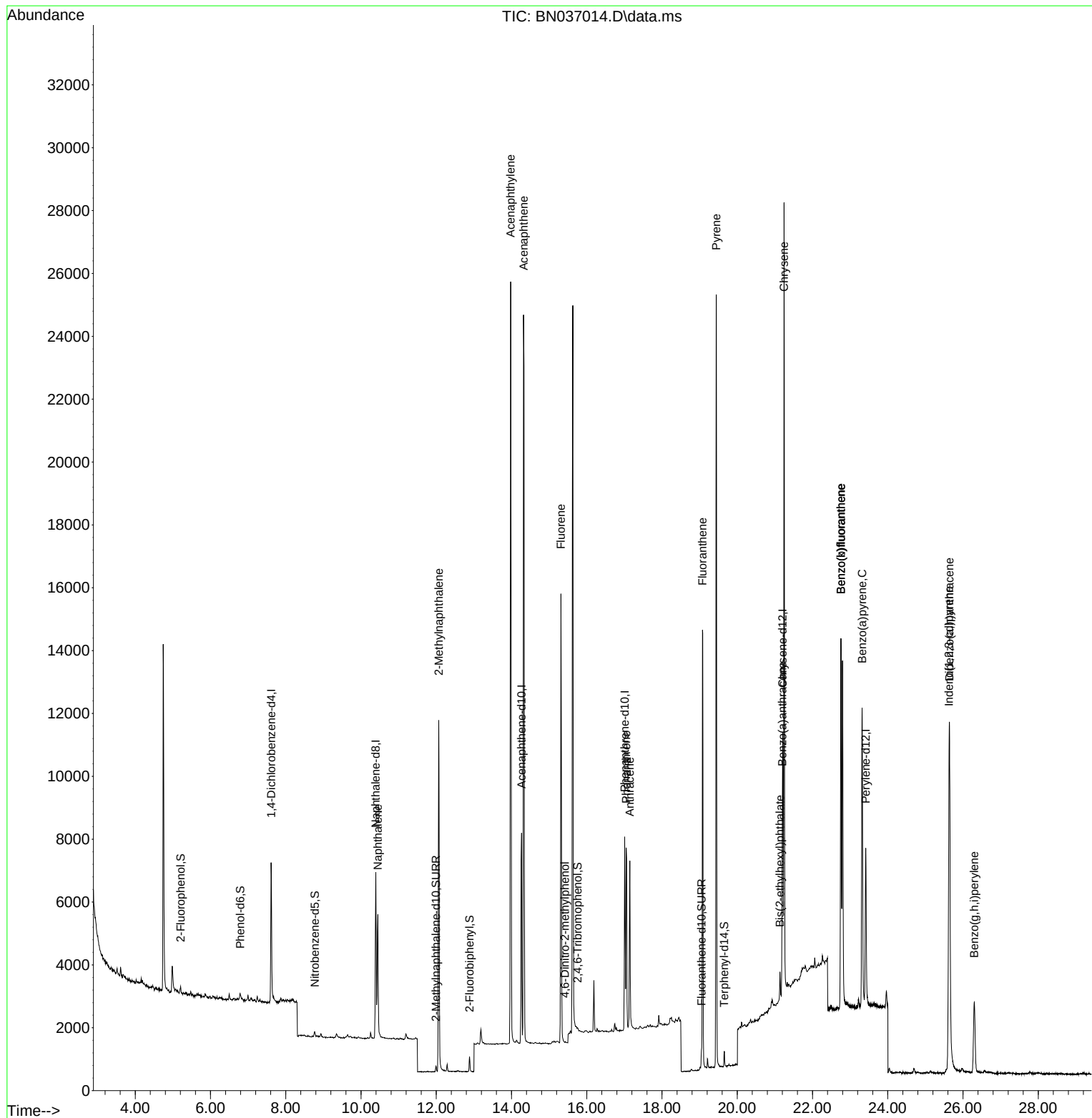
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 2217     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 6524     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.267 | 164  | 3844     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 7555     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.206 | 240  | 6828     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.415 | 264  | 6318     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 152      | 0.026 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 202      | 0.028 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 167      | 0.024 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 274      | 0.030 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 43       | 0.025 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 446      | 0.025 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.049 | 212  | 647      | 0.031 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 493      | 0.034 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.447 | 128  | 5349     | 0.277 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.067 | 142  | 7989     | 0.644 | ng    | 97       |
| 16) Acenaphthylene            | 13.978 | 152  | 25111    | 1.342 | ng    | 100      |
| 17) Acenaphthene              | 14.320 | 154  | 11699    | 0.957 | ng    | 98       |
| 18) Fluorene                  | 15.314 | 166  | 8614     | 0.537 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.421 | 198  | 1        | 0.024 | ng    | # 1      |
| 25) Phenanthrene              | 17.046 | 178  | 6724     | 0.272 | ng    | 99       |
| 26) Anthracene                | 17.145 | 178  | 5812     | 0.259 | ng    | 100      |
| 28) Fluoranthene              | 19.077 | 202  | 12683    | 0.430 | ng    | 99       |
| 30) Pyrene                    | 19.444 | 202  | 21776    | 0.746 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.197 | 228  | 3185     | 0.124 | ng    | 95       |
| 33) Chrysene                  | 21.242 | 228  | 20196    | 0.743 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 933      | 0.059 | ng    | # 97     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.628 | 276  | 9550     | 0.370 | ng    | # 91     |
| 37) Benzo(b)fluoranthene      | 22.754 | 252  | 13577    | 0.518 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.754 | 252  | 13577    | 0.525 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.319 | 252  | 13061    | 0.588 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 25.640 | 278  | 13232    | 0.658 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.301 | 276  | 4514     | 0.207 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

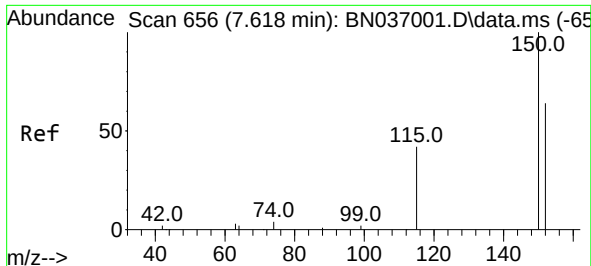
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
HW0425-PT-PAH-SOILDL

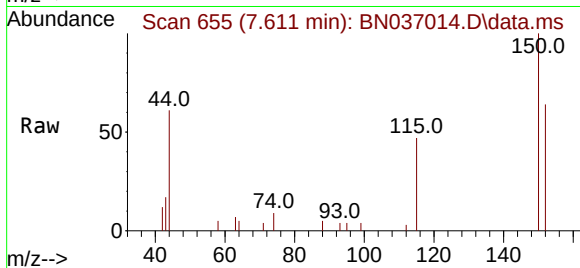
Quant Time: May 14 16:13:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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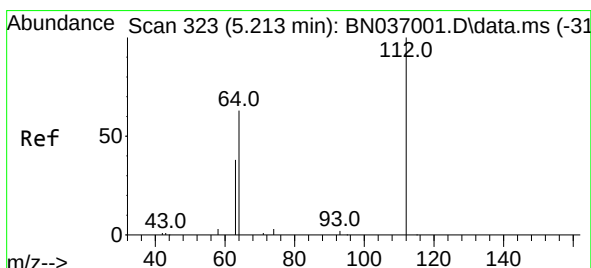
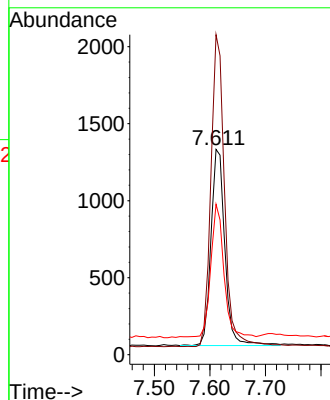
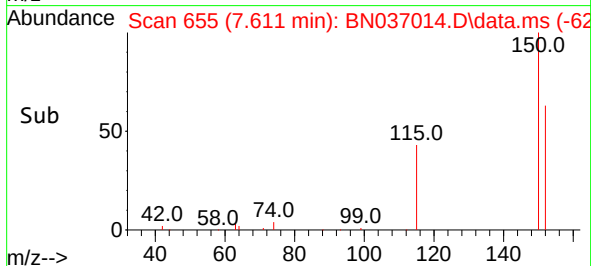


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.611 min Scan# 611  
Delta R.T. -0.007 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

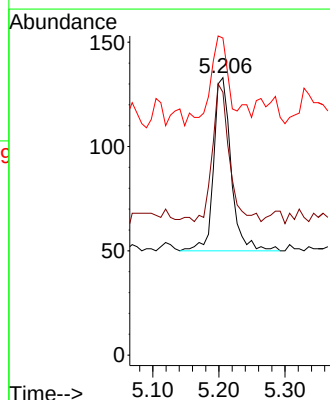
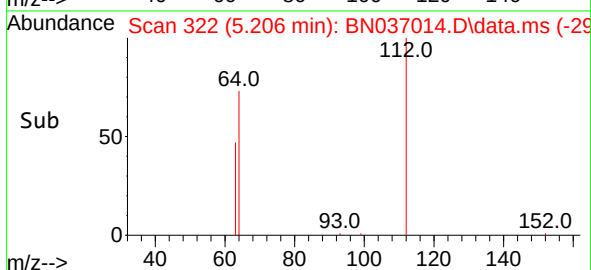
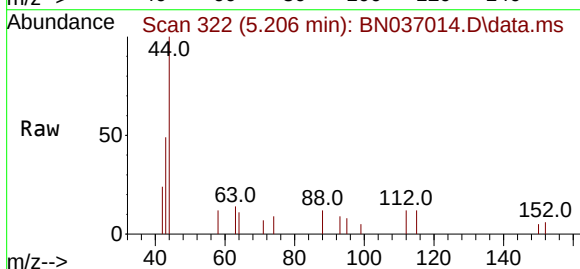


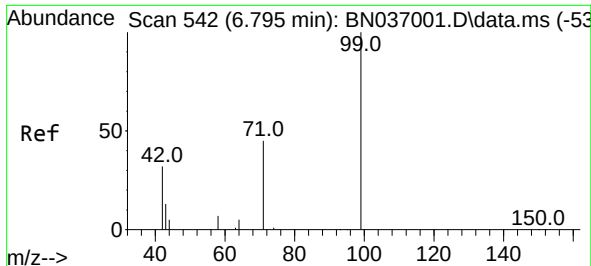
Tgt Ion:152 Resp: 2217  
Ion Ratio Lower Upper  
152 100  
150 155.9 123.9 185.9  
115 73.3 55.8 83.8



#4  
2-Fluorophenol  
Concen: 0.026 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

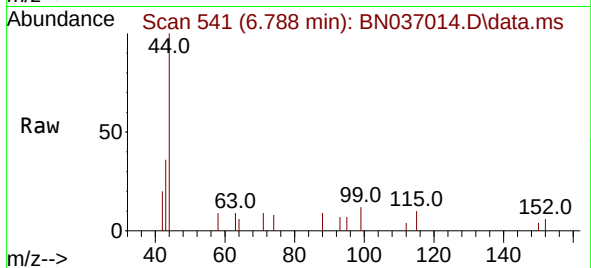
Tgt Ion:112 Resp: 152  
Ion Ratio Lower Upper  
112 100  
64 76.3 55.7 83.5  
63 53.9 34.6 51.8#



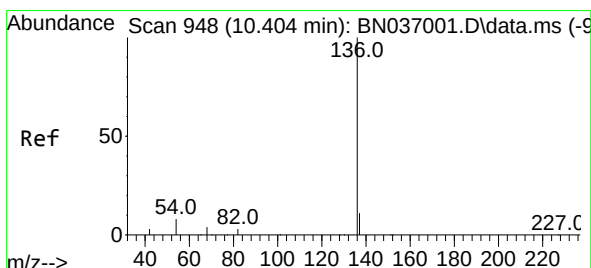
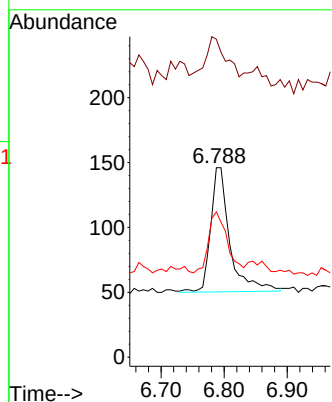
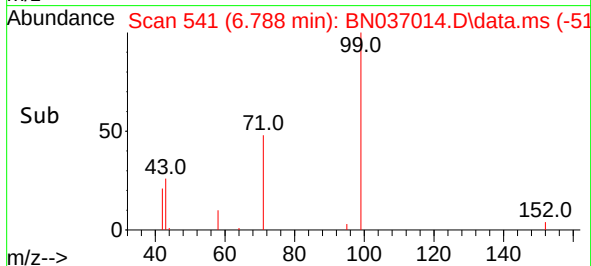


#5  
Phenol-d6  
Concen: 0.028 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

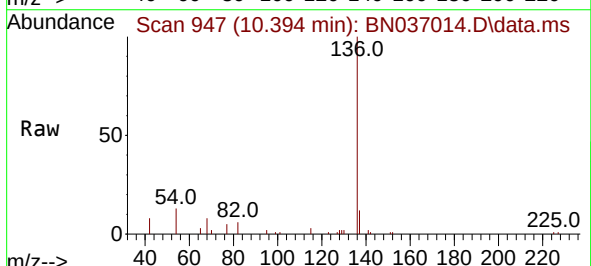
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD



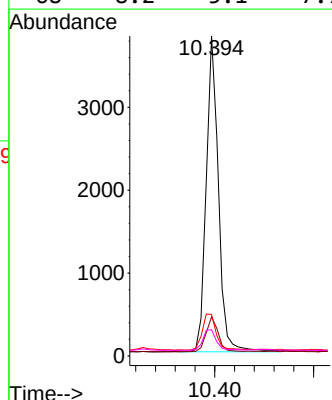
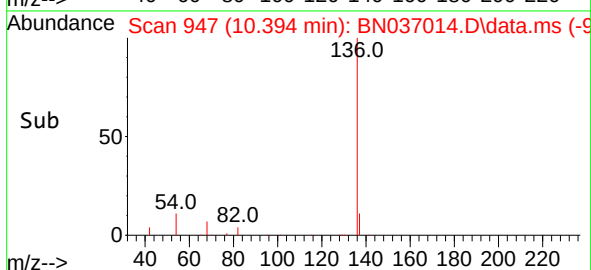
Tgt Ion: 99 Resp: 202  
Ion Ratio Lower Upper  
99 100  
42 38.6 29.3 43.9  
71 47.5 35.7 53.5

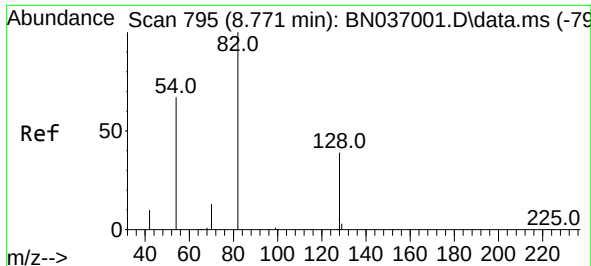


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.011 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48



Tgt Ion: 136 Resp: 6524  
Ion Ratio Lower Upper  
136 100  
137 12.2 10.4 15.6  
54 13.0 8.5 12.7#  
68 8.2 5.1 7.7#

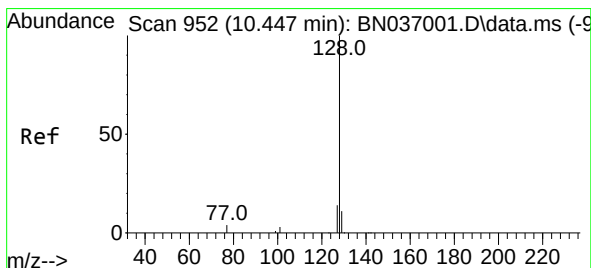
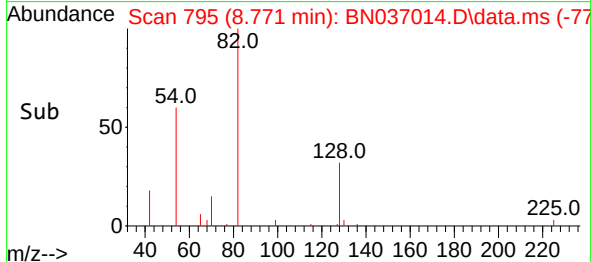
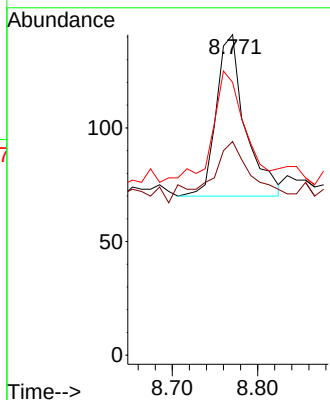
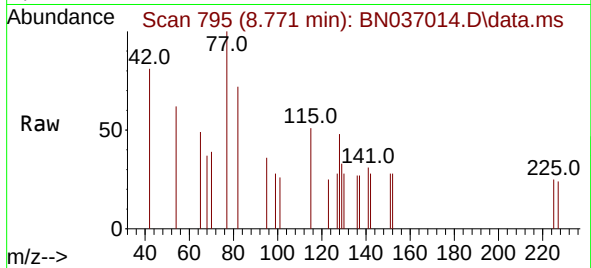




#8  
 Nitrobenzene-d5  
 Concen: 0.024 ng  
 RT: 8.771 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

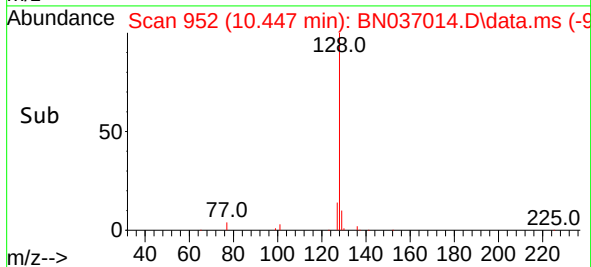
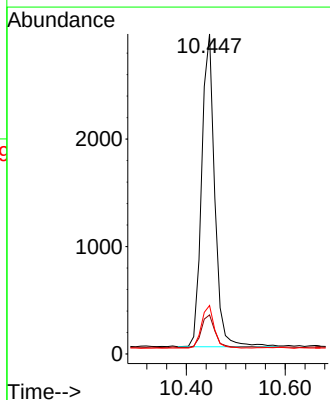
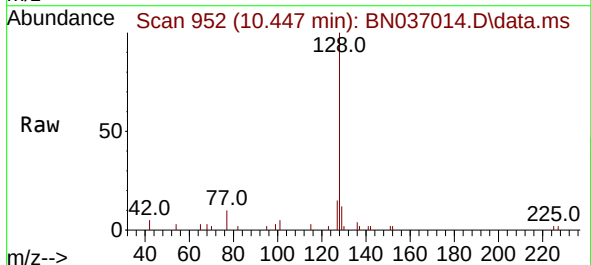
Instrument :  
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 ClientSampleId :  
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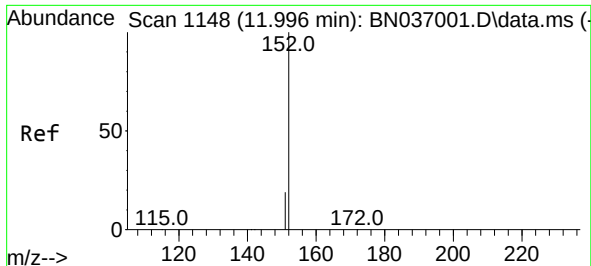
Tgt Ion: 82 Resp: 167  
 Ion Ratio Lower Upper  
 82 100  
 128 66.7 34.0 51.0#  
 54 85.1 55.0 82.4#



#9  
 Naphthalene  
 Concen: 0.277 ng  
 RT: 10.447 min Scan# 952  
 Delta R.T. -0.000 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

Tgt Ion: 128 Resp: 5349  
 Ion Ratio Lower Upper  
 128 100  
 129 12.2 9.7 14.5  
 127 15.1 12.4 18.6

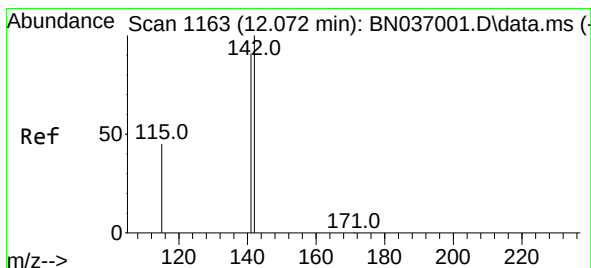
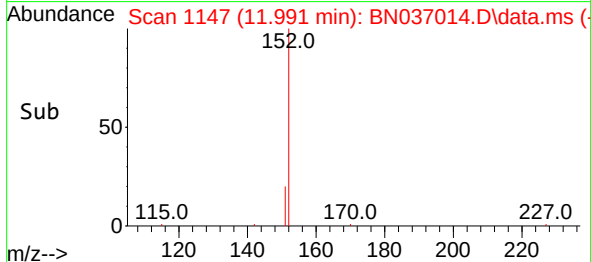
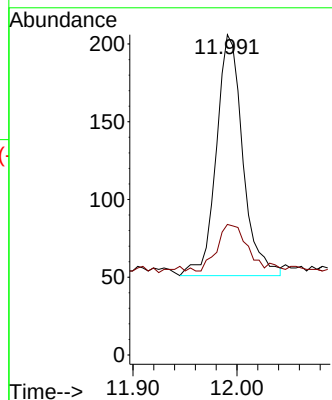
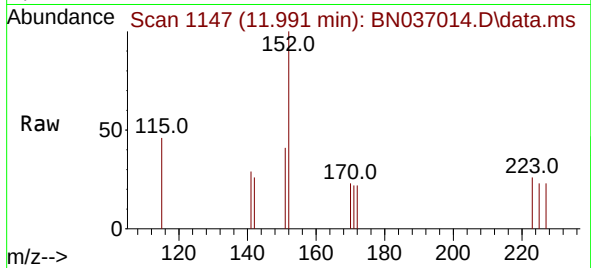




#11  
2-Methylnaphthalene-d10  
Concen: 0.030 ng  
RT: 11.991 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

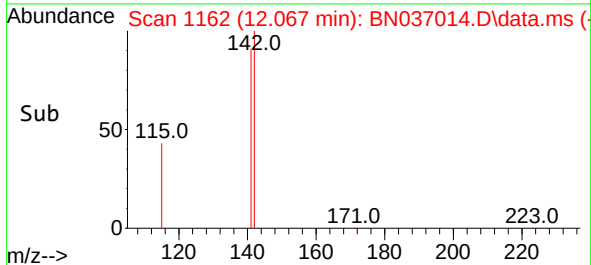
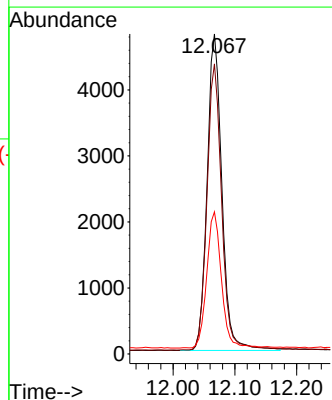
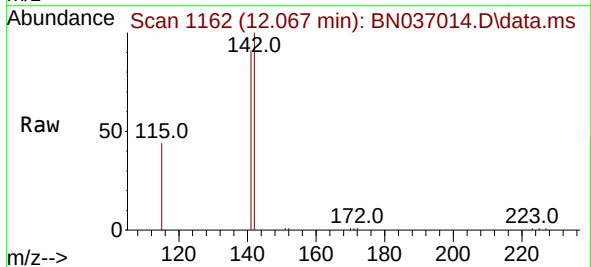
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ClientSampleId :  
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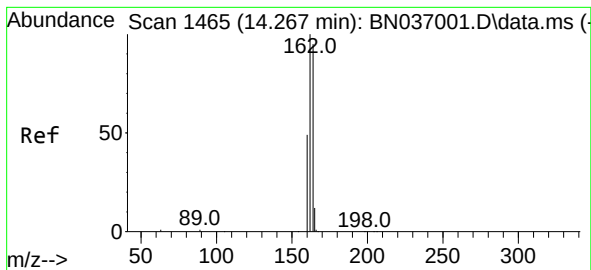
Tgt Ion:152 Resp: 274  
Ion Ratio Lower Upper  
152 100  
151 22.6 17.5 26.3



#12  
2-Methylnaphthalene  
Concen: 0.644 ng  
RT: 12.067 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Tgt Ion:142 Resp: 7989  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.3 109.9  
115 44.4 38.4 57.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

Instrument :

BNA\_N

ClientSampleId :

HW0425-PT-PAH-SOILD

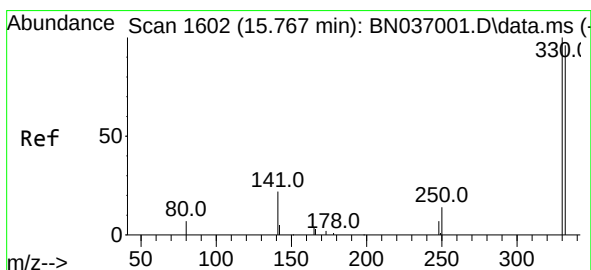
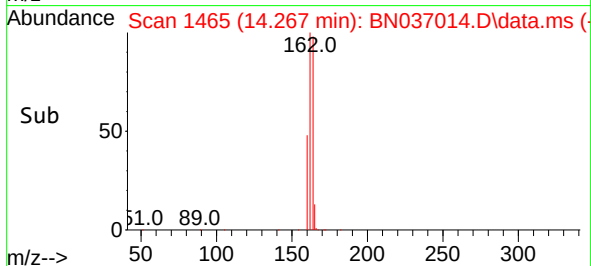
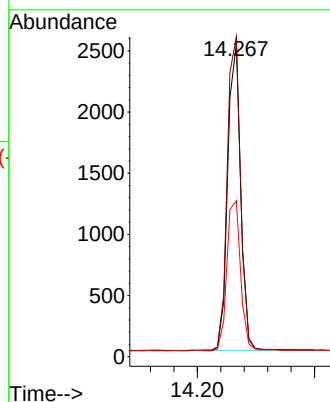
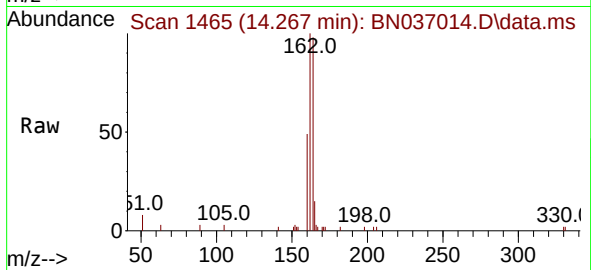
Tgt Ion:164 Resp: 3844

Ion Ratio Lower Upper

164 100

162 102.1 84.2 126.4

160 49.7 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.025 ng

RT: 15.755 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

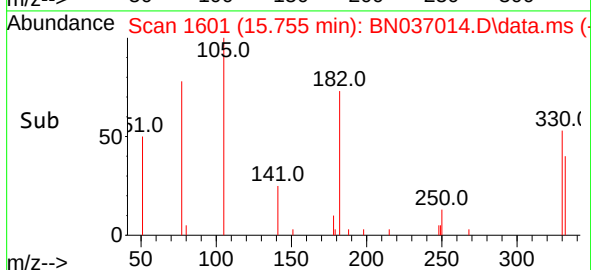
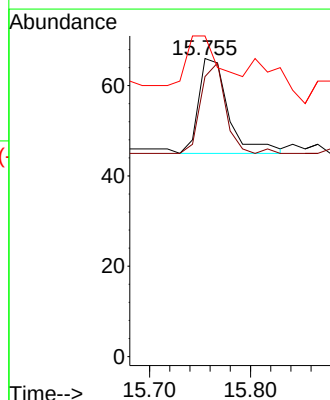
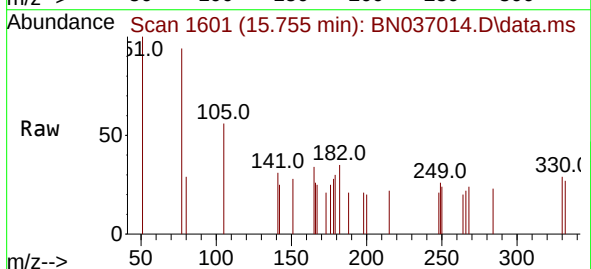
Tgt Ion:330 Resp: 43

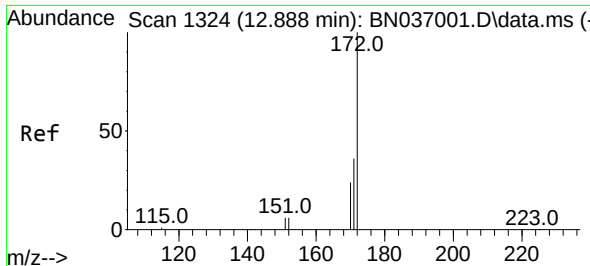
Ion Ratio Lower Upper

330 100

332 79.1 73.8 110.8

141 0.0 43.9 65.9#

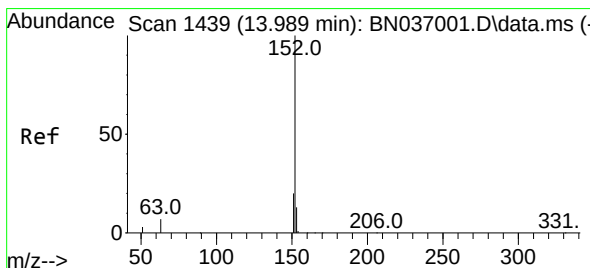
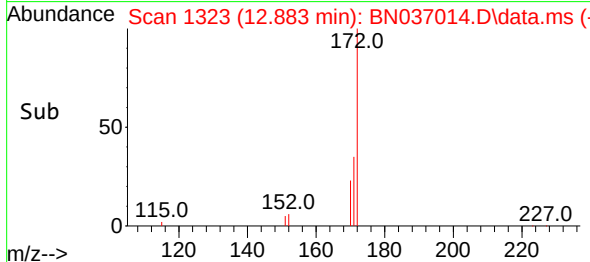
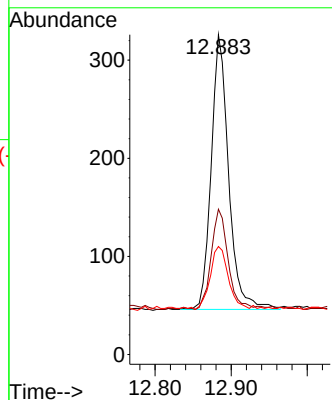
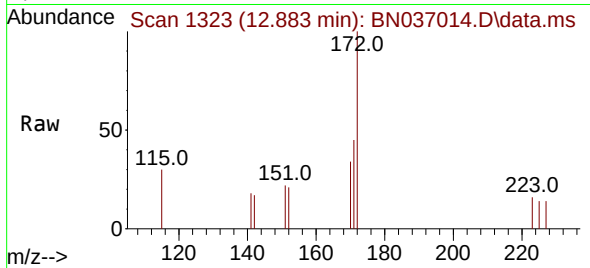




#15  
2-Fluorobiphenyl  
Concen: 0.025 ng  
RT: 12.883 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

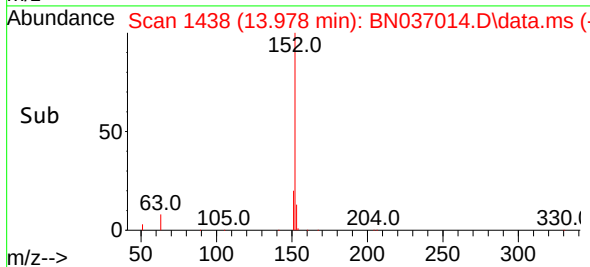
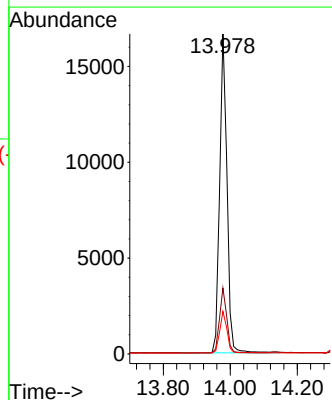
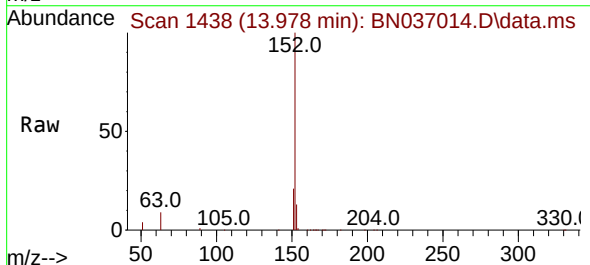
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

Tgt Ion:172 Resp: 446  
Ion Ratio Lower Upper  
172 100  
171 45.4 29.2 43.8#  
170 33.7 20.5 30.7#

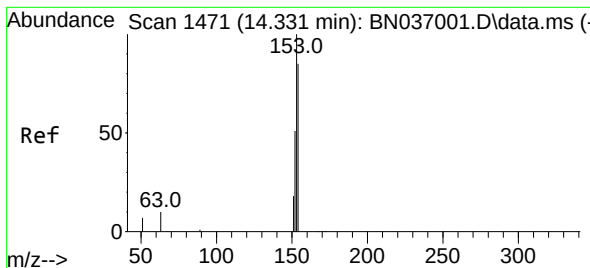


#16  
Acenaphthylene  
Concen: 1.342 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Tgt Ion:152 Resp: 25111  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.0 10.5 15.7







#17

Acenaphthene

Concen: 0.957 ng

RT: 14.320 min Scan# 1471

Delta R.T. -0.011 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

Instrument :

BNA\_N

ClientSampleId :

HW0425-PT-PAH-SOILD

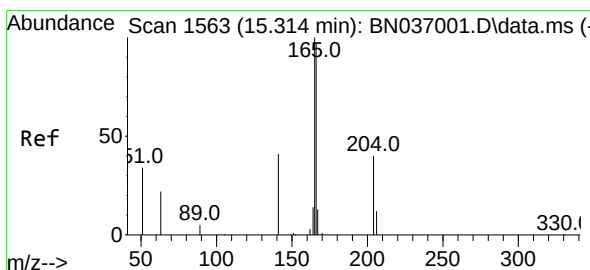
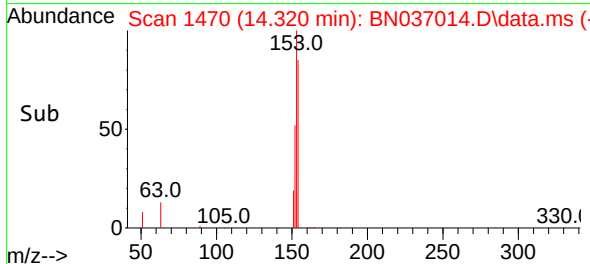
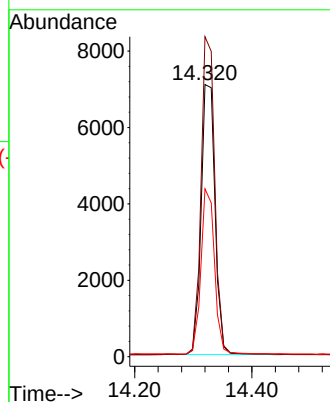
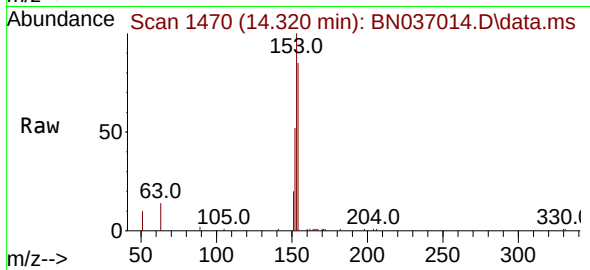
Tgt Ion:154 Resp: 11699

Ion Ratio Lower Upper

154 100

153 116.5 94.2 141.4

152 59.7 49.4 74.0



#18

Fluorene

Concen: 0.537 ng

RT: 15.314 min Scan# 1563

Delta R.T. -0.000 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

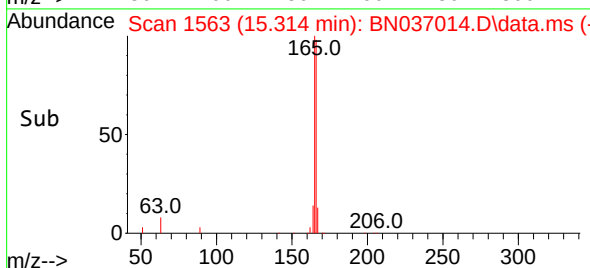
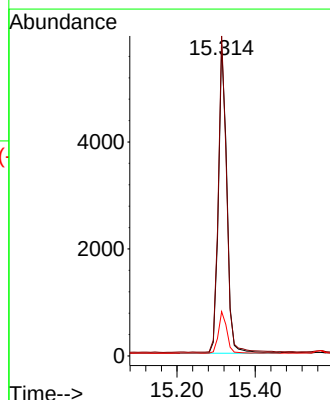
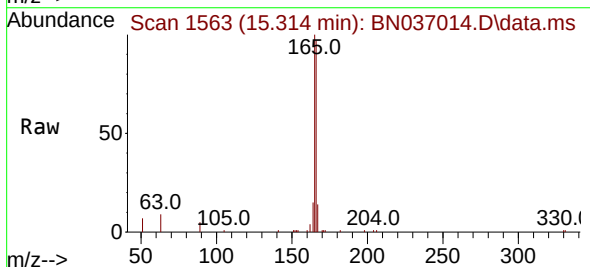
Tgt Ion:166 Resp: 8614

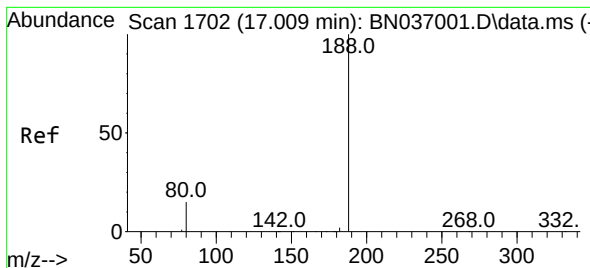
Ion Ratio Lower Upper

166 100

165 100.3 80.6 120.8

167 13.5 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

Instrument :

BNA\_N

ClientSampleId :

HW0425-PT-PAH-SOILD

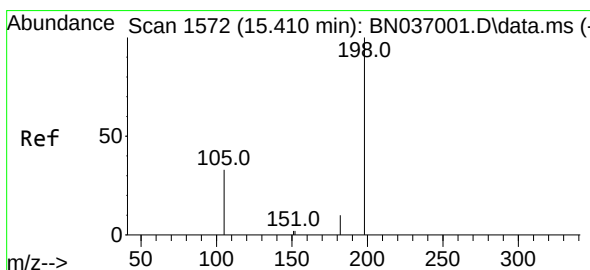
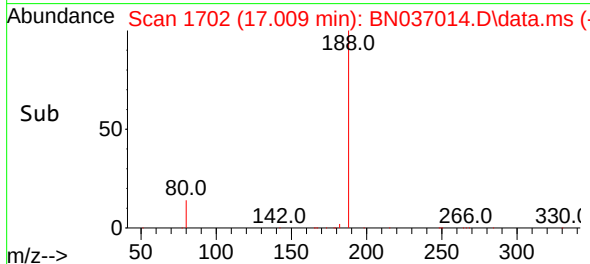
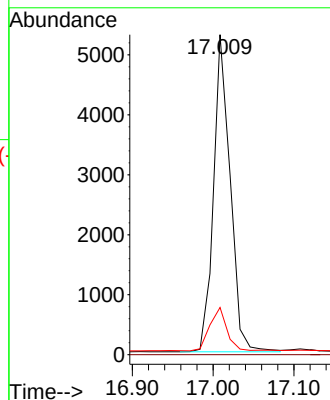
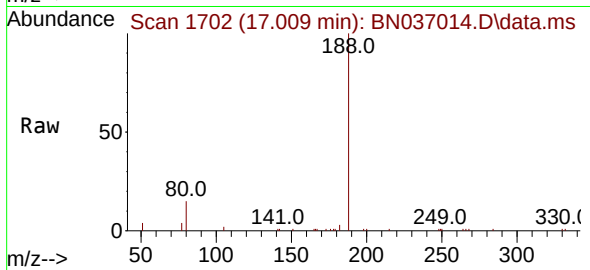
Tgt Ion:188 Resp: 7555

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 13.4 20.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.421 min Scan# 1573

Delta R.T. 0.011 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

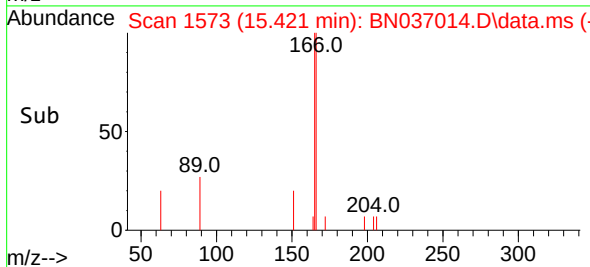
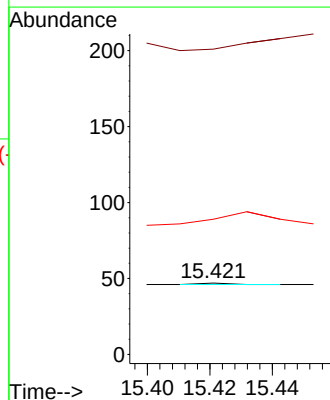
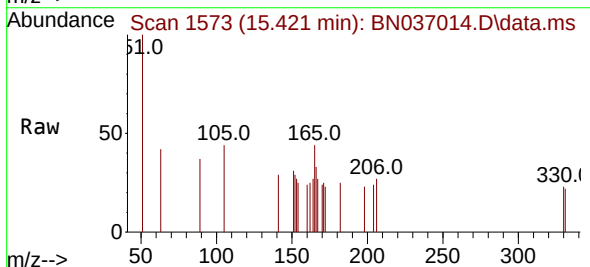
Tgt Ion:198 Resp: 1

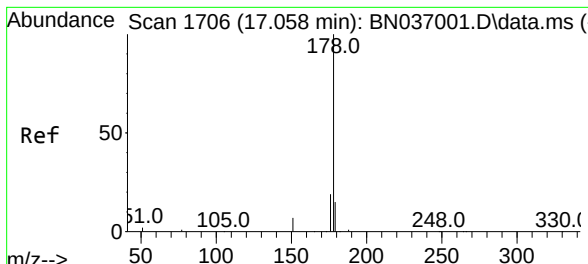
Ion Ratio Lower Upper

198 100

51 427.7 87.8 131.6#

105 189.4 44.2 66.4#

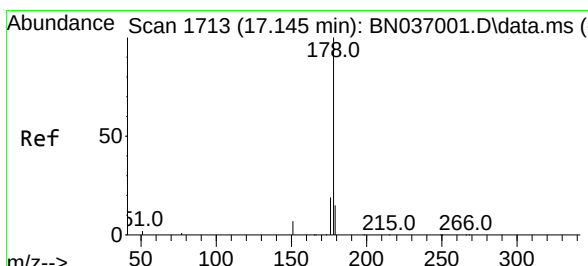
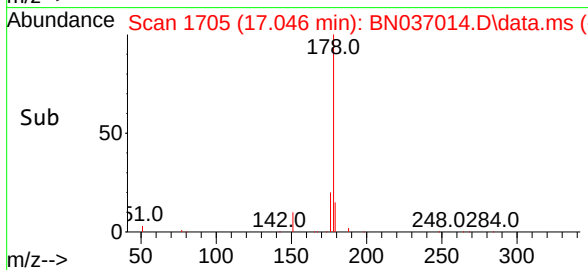
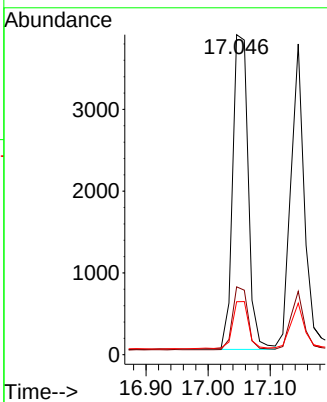
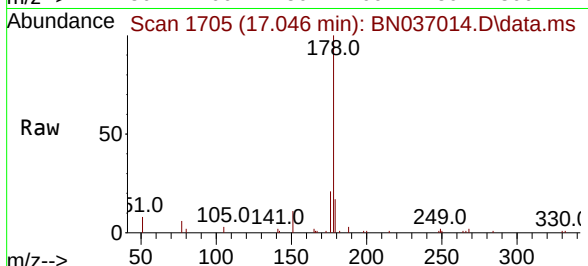




#25  
 Phenanthrene  
 Concen: 0.272 ng  
 RT: 17.046 min Scan# 1705  
 Delta R.T. -0.012 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

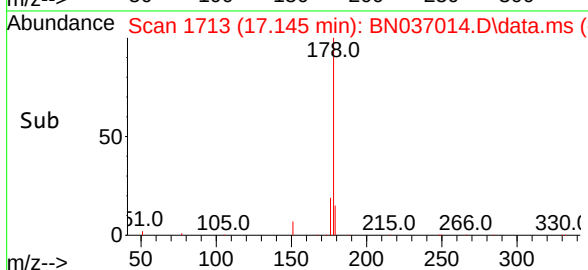
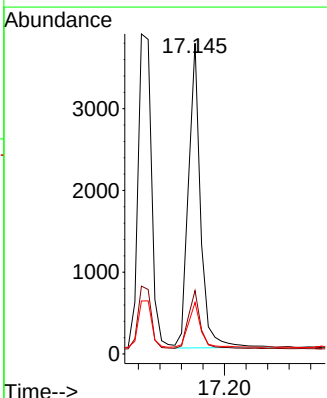
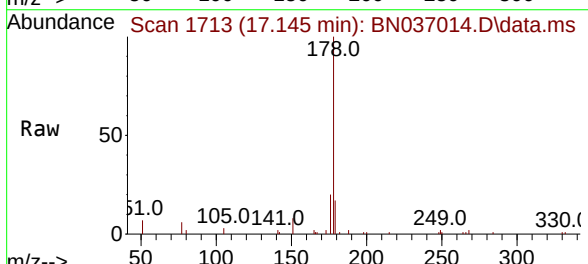
Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOILD

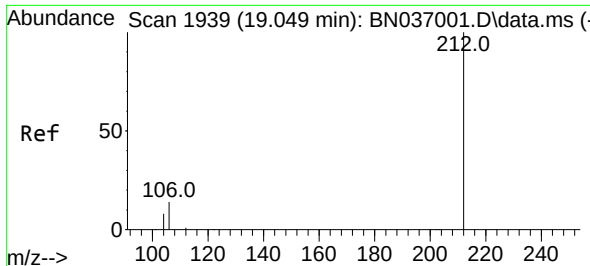
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 6724 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.7  | 15.7  | 23.5 |
| 179       | 15.9  | 12.2  | 18.2 |



#26  
 Anthracene  
 Concen: 0.259 ng  
 RT: 17.145 min Scan# 1713  
 Delta R.T. -0.000 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 5812 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 18.9  | 15.0  | 22.6 |
| 179       | 15.2  | 12.3  | 18.5 |

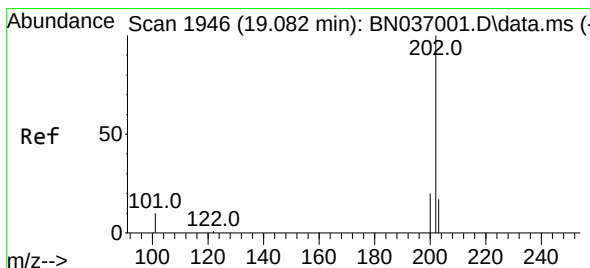
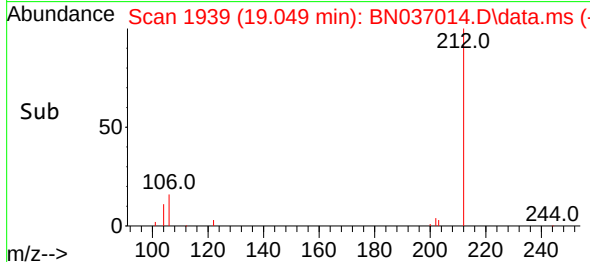
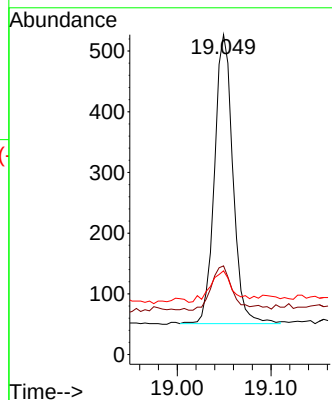
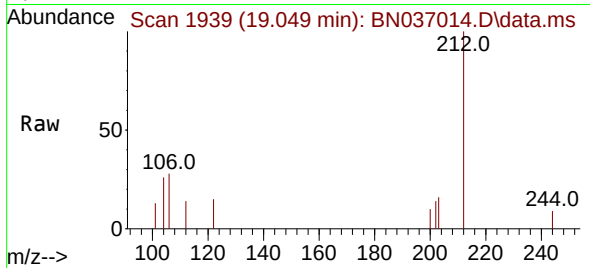




#27  
Fluoranthene-d10  
Concen: 0.031 ng  
RT: 19.049 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

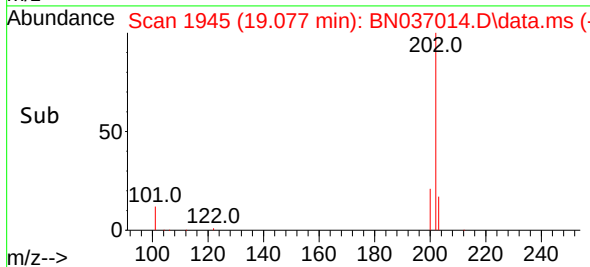
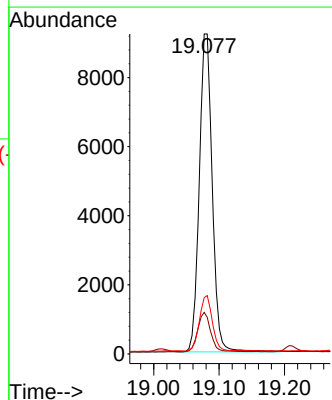
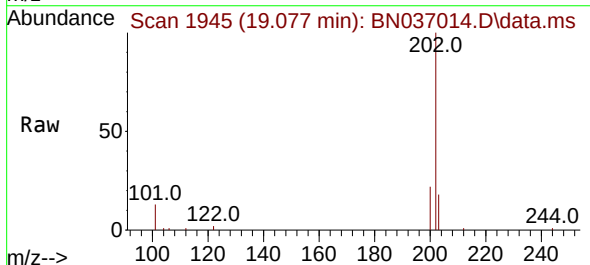
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

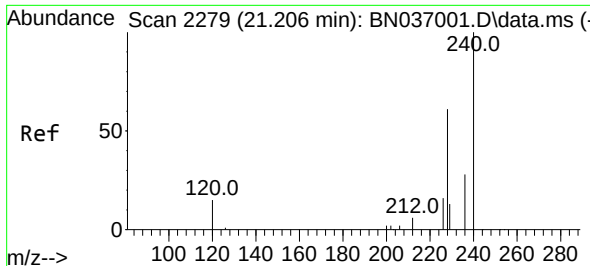
Tgt Ion:212 Resp: 647  
Ion Ratio Lower Upper  
212 100  
106 18.5 11.3 16.9#  
104 12.8 6.7 10.1#



#28  
Fluoranthene  
Concen: 0.430 ng  
RT: 19.077 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Tgt Ion:202 Resp: 12683  
Ion Ratio Lower Upper  
202 100  
101 12.3 8.9 13.3  
203 17.3 13.8 20.8

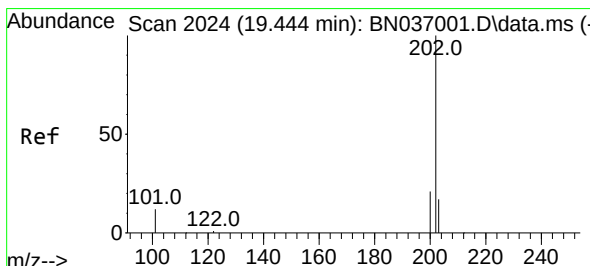
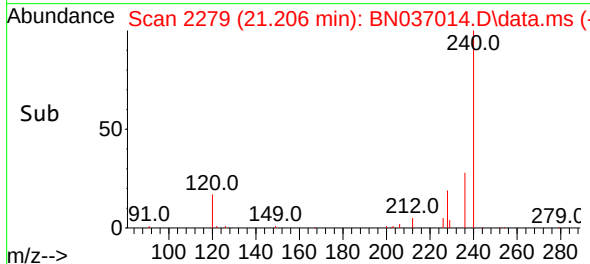
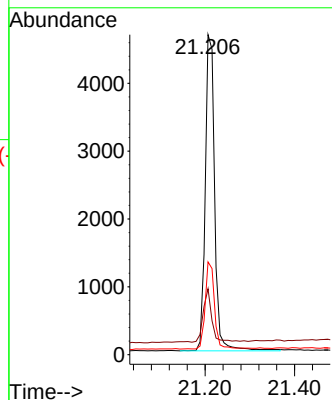
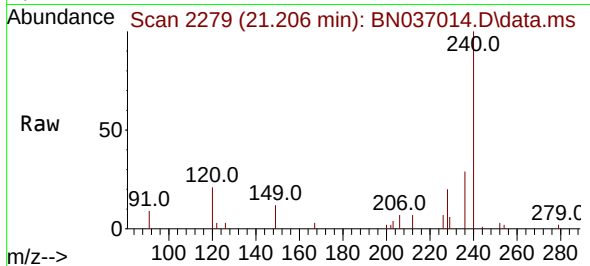




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

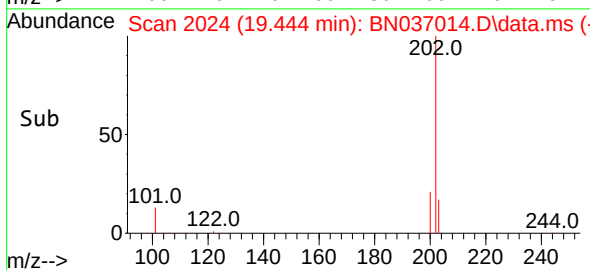
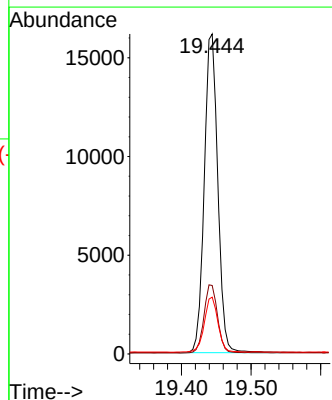
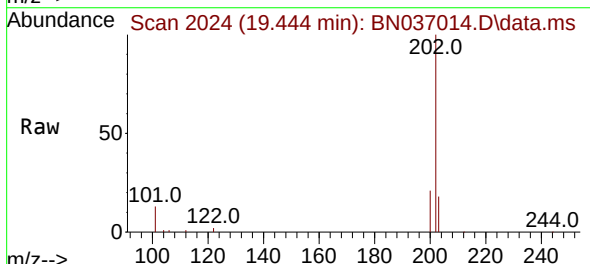
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

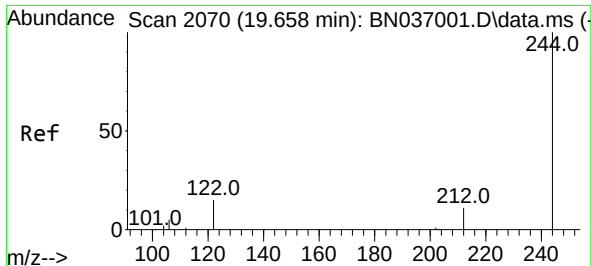
Tgt Ion:240 Resp: 6828  
Ion Ratio Lower Upper  
240 100  
120 20.6 15.1 22.7  
236 29.0 24.0 36.0



#30  
Pyrene  
Concen: 0.746 ng  
RT: 19.444 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Tgt Ion:202 Resp: 21776  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 17.5 14.2 21.4

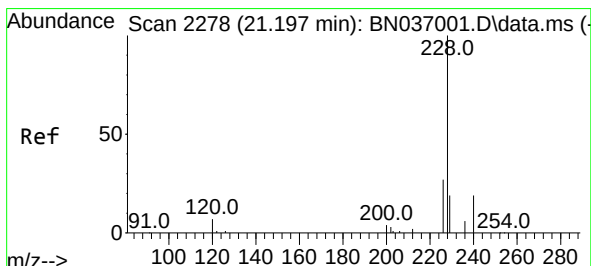
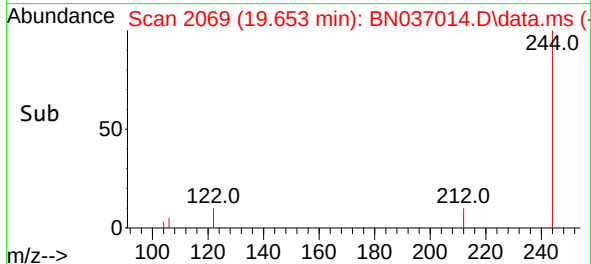
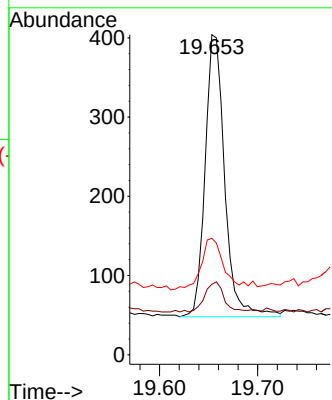
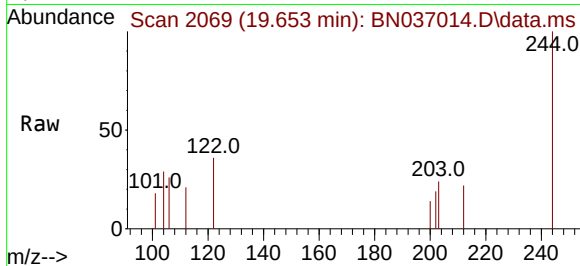




#31  
 Terphenyl-d14  
 Concen: 0.034 ng  
 RT: 19.653 min Scan# 2070  
 Delta R.T. -0.005 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

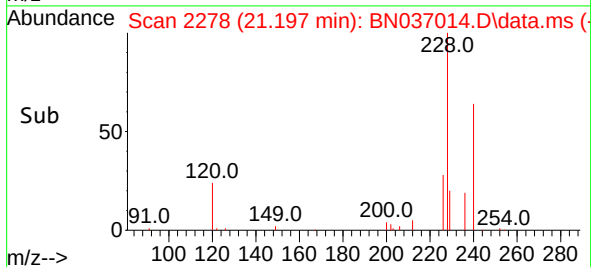
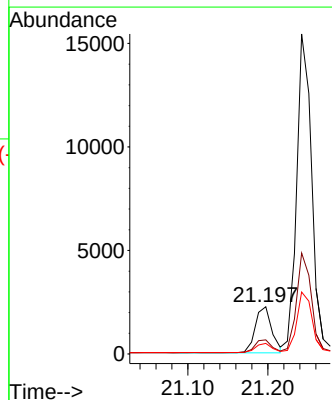
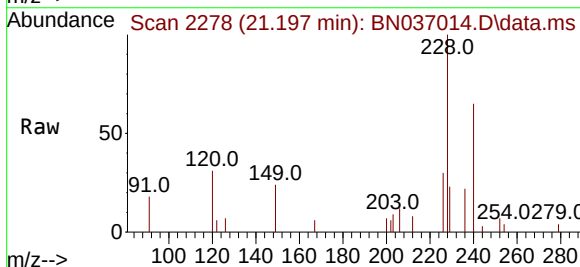
Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOILD

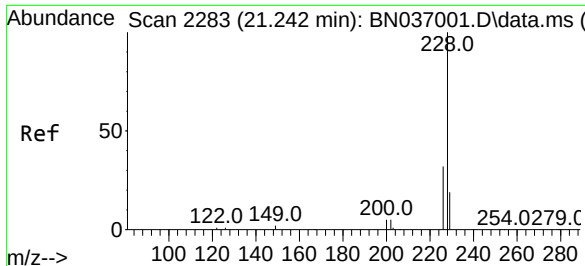
Tgt Ion:244 Resp: 493  
 Ion Ratio Lower Upper  
 244 100  
 212 22.0 9.7 14.5#  
 122 36.4 13.4 20.0#



#32  
 Benzo(a)anthracene  
 Concen: 0.124 ng  
 RT: 21.197 min Scan# 2278  
 Delta R.T. -0.000 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

Tgt Ion:228 Resp: 3185  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 22.2 33.4  
 229 22.5 16.0 24.0





#33

Chrysene

Concen: 0.743 ng

RT: 21.242 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

Instrument :

BNA\_N

ClientSampleId :

HW0425-PT-PAH-SOILD

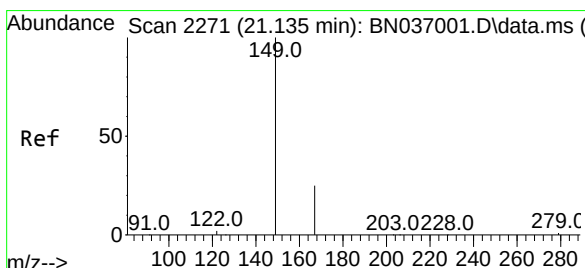
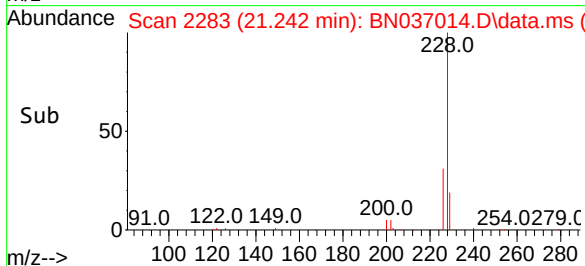
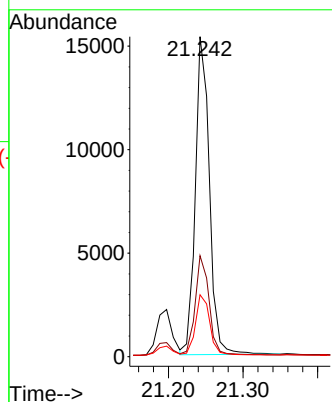
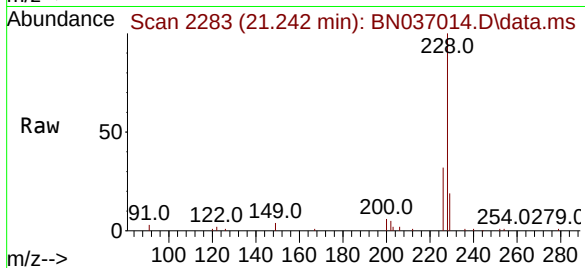
Tgt Ion:228 Resp: 20196

Ion Ratio Lower Upper

228 100

226 31.6 26.3 39.5

229 19.3 16.2 24.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.135 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BN037014.D

Acq: 14 May 2025 15:48

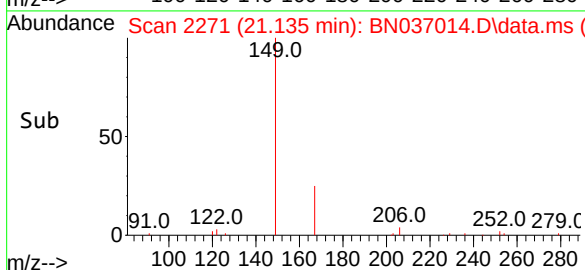
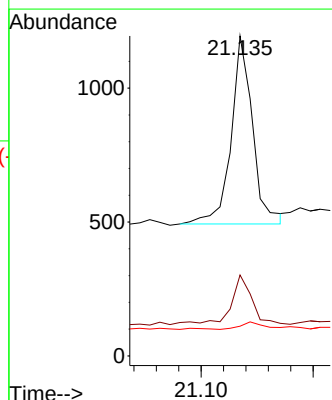
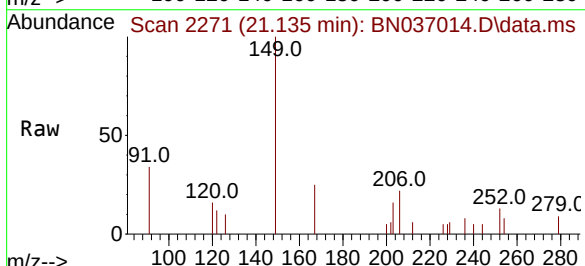
Tgt Ion:149 Resp: 933

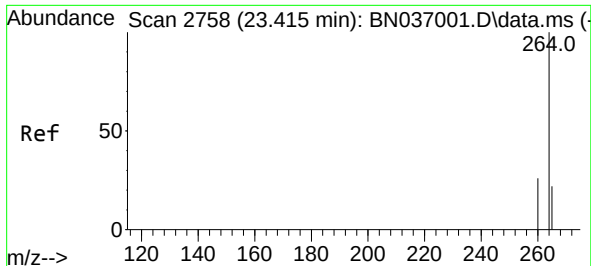
Ion Ratio Lower Upper

149 100

167 24.7 20.6 30.8

279 5.5 2.6 3.8#



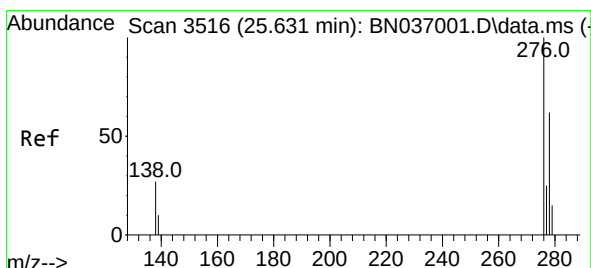
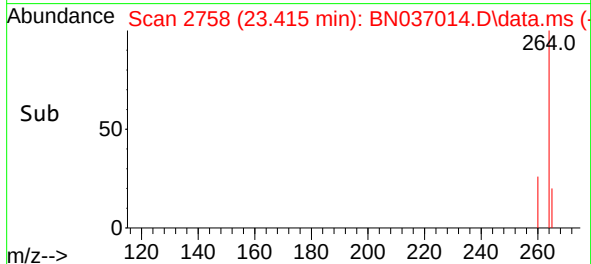
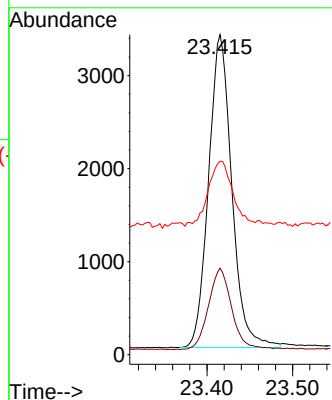
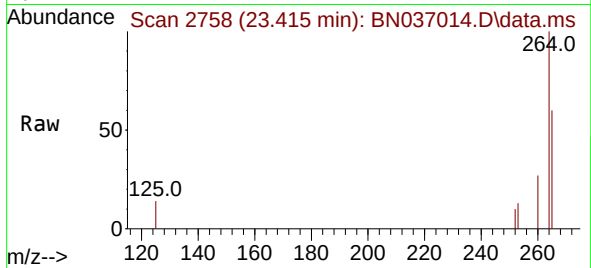


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.415 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

Tgt Ion:264 Resp: 6318  

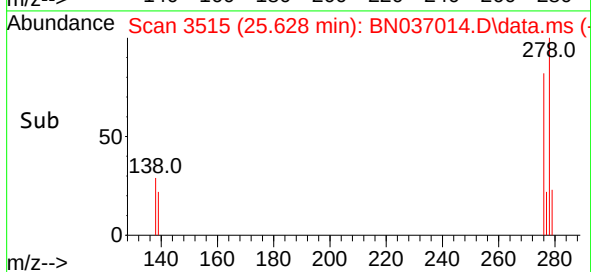
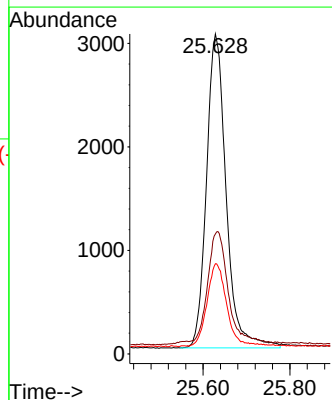
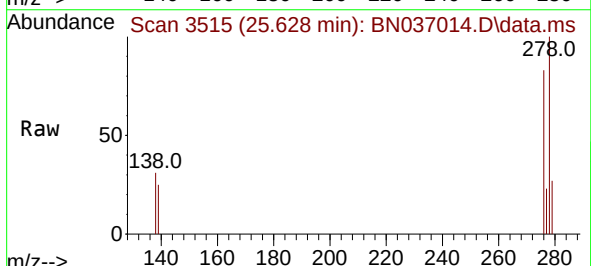
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.0  | 21.9  | 32.9  |
| 265 | 60.5  | 51.6  | 77.4  |



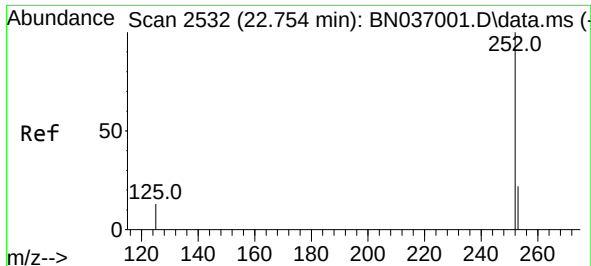
#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.370 ng  
RT: 25.628 min Scan# 3515  
Delta R.T. -0.003 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Tgt Ion:276 Resp: 9550  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 36.2  | 22.7  | 34.1# |
| 277 | 26.0  | 20.0  | 30.0  |

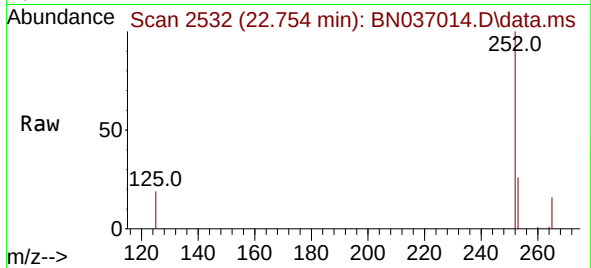




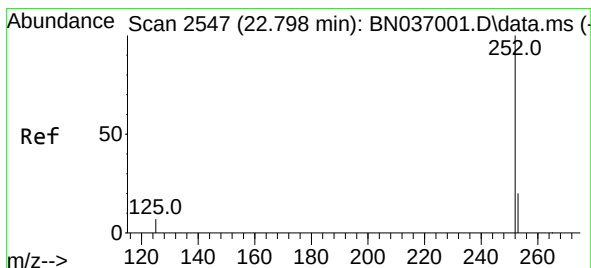
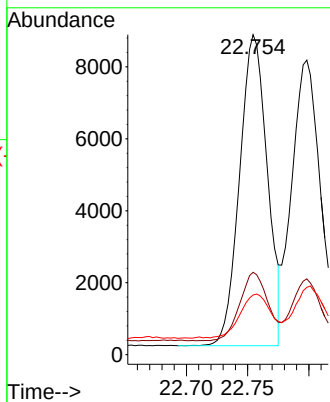
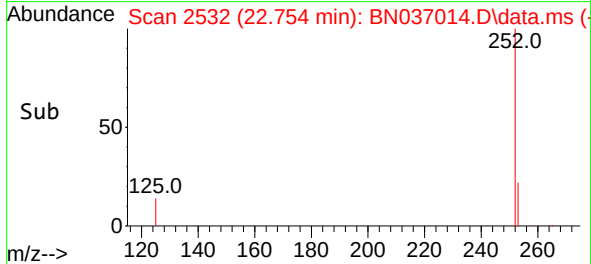


#37  
Benzo(b)fluoranthene  
Concen: 0.518 ng  
RT: 22.754 min Scan# 2532  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD

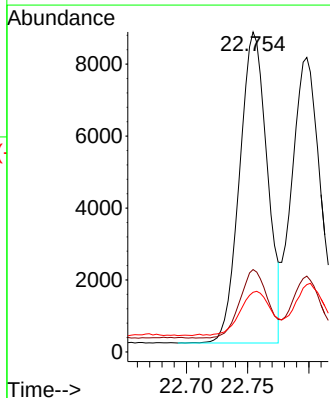
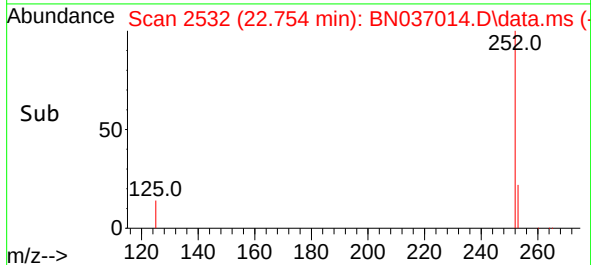
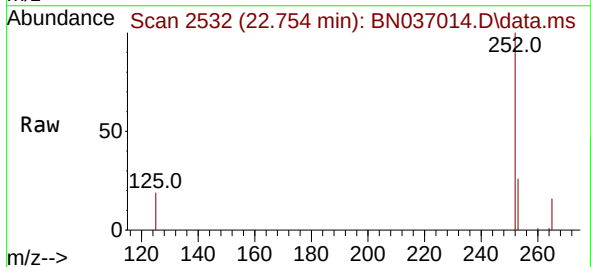


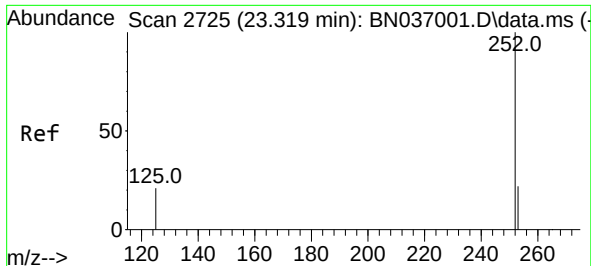
Tgt Ion:252 Resp: 13577  
Ion Ratio Lower Upper  
252 100  
253 25.8 21.8 32.6  
125 18.7 14.6 21.8



#38  
Benzo(k)fluoranthene  
Concen: 0.525 ng  
RT: 22.754 min Scan# 2532  
Delta R.T. -0.044 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

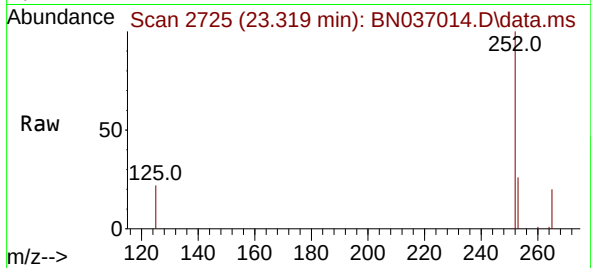
Tgt Ion:252 Resp: 13577  
Ion Ratio Lower Upper  
252 100  
253 25.8 21.4 32.2  
125 18.7 13.0 19.4



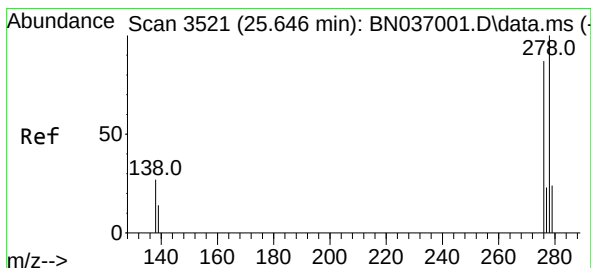
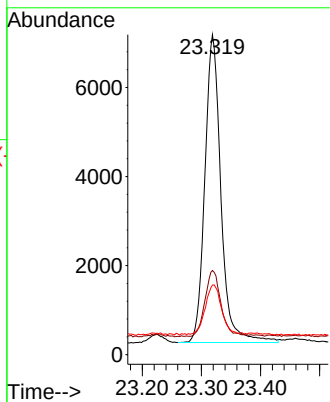
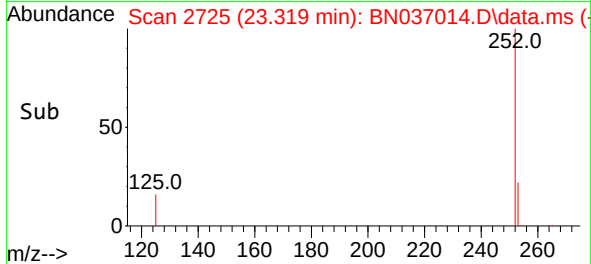


#39  
Benzo(a)pyrene  
Concen: 0.588 ng  
RT: 23.319 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48

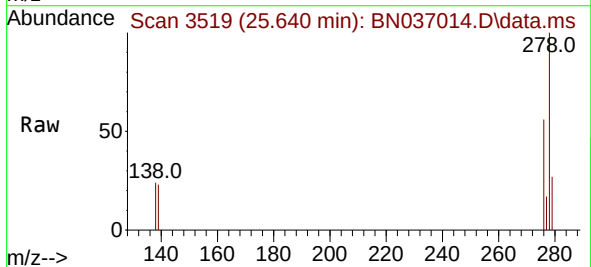
Instrument :  
BNA\_N  
ClientSampleId :  
HW0425-PT-PAH-SOILD



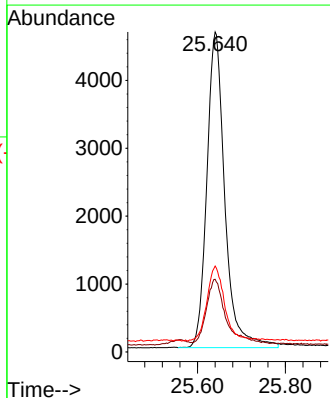
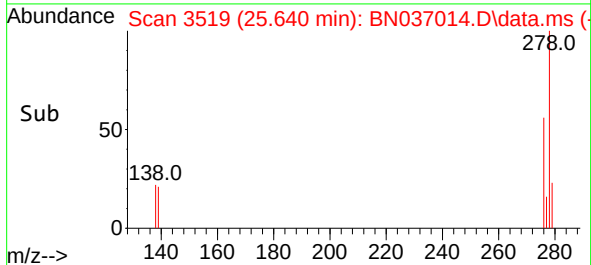
Tgt Ion:252 Resp: 13061  
Ion Ratio Lower Upper  
252 100  
253 26.3 23.8 35.6  
125 21.7 21.8 32.6#

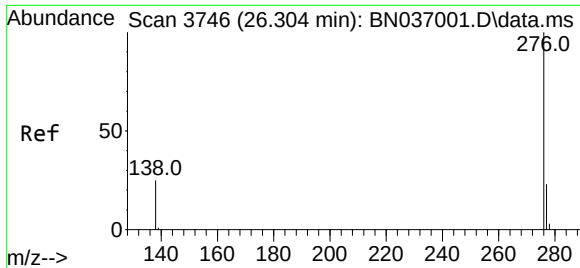


#40  
Dibenzo(a,h)anthracene  
Concen: 0.658 ng  
RT: 25.640 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BN037014.D  
Acq: 14 May 2025 15:48



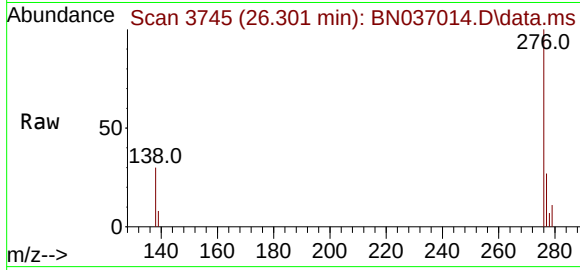
Tgt Ion:278 Resp: 13232  
Ion Ratio Lower Upper  
278 100  
139 22.7 17.4 26.0  
279 26.8 24.6 37.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.207 ng  
 RT: 26.301 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: BN037014.D  
 Acq: 14 May 2025 15:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-PAH-SOILD



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 4514 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 26.9  | 20.2  | 30.4 |
| 138       | 30.4  | 22.0  | 33.0 |

