

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110423\  
 Data File : BN028468.D  
 Acq On : 04 Nov 2023 11:10  
 Operator : MA/JU  
 Sample : PB156879BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB156879BS

Quant Time: Nov 06 04:44:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 02 06:26:50 2023  
 Response via : Initial Calibration

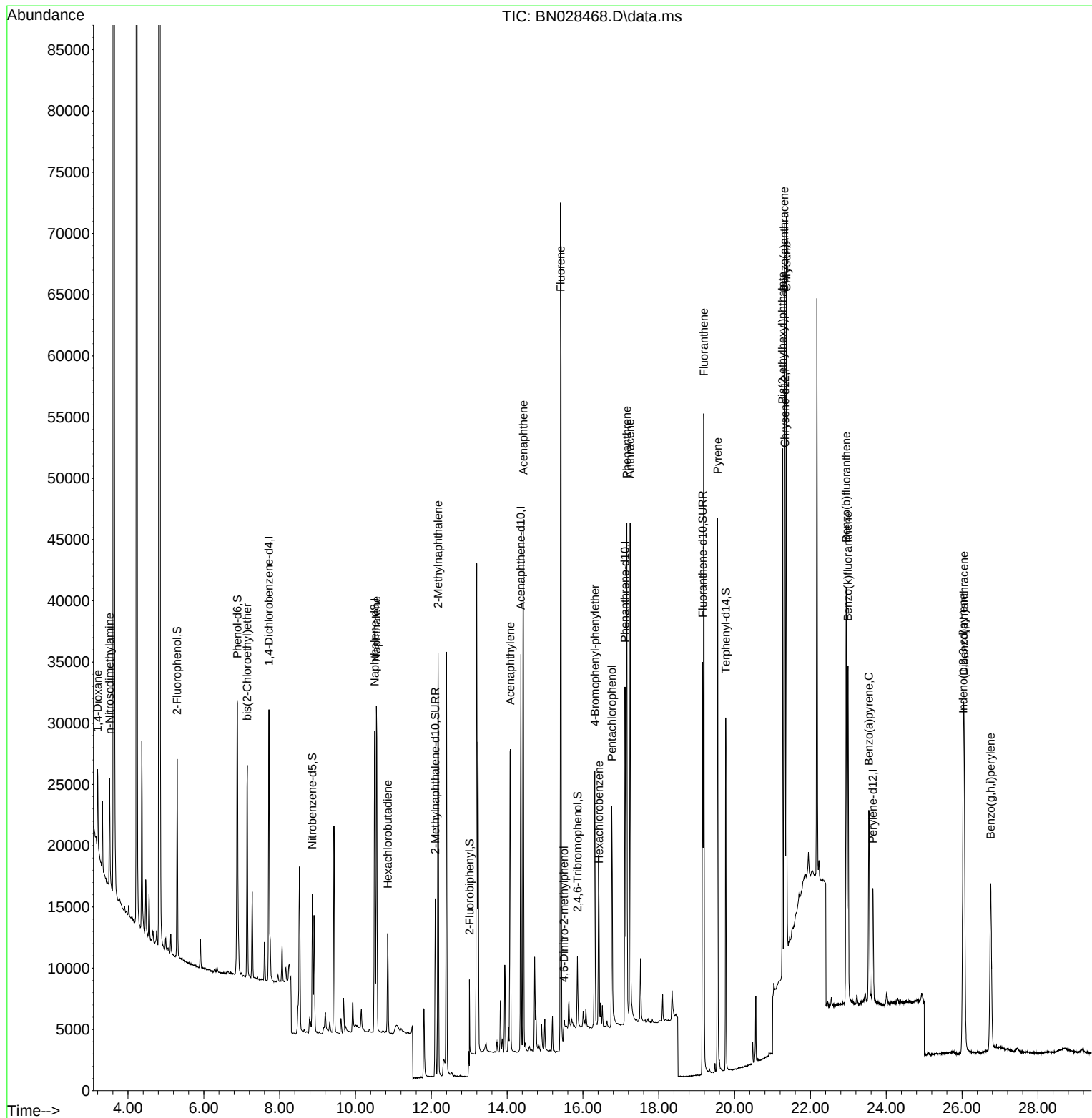
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 10399    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 31853    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.363 | 164  | 17116    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.109 | 188  | 39782    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.328 | 240  | 27247    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.646 | 264  | 12340    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.298  | 112  | 12188    | 0.449 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 14687    | 0.427 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 8384     | 0.407 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.106 | 152  | 19213    | 0.422 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.855 | 330  | 3379     | 0.506 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.006 | 172  | 2905     | 0.143 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.157 | 212  | 37758    | 0.384 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.765 | 244  | 27770    | 0.484 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.203  | 88   | 3829     | 0.333 | ng    | # 78     |
| 3) n-Nitrosodimethylamine     | 3.514  | 42   | 4748     | 0.370 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.147  | 93   | 12374    | 0.415 | ng    | 97       |
| 9) Naphthalene                | 10.552 | 128  | 35831    | 0.417 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.851 | 225  | 6368     | 0.445 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.178 | 142  | 23796    | 0.397 | ng    | 100      |
| 16) Acenaphthylene            | 14.085 | 152  | 30742    | 0.364 | ng    | 100      |
| 17) Acenaphthene              | 14.428 | 154  | 21631    | 0.404 | ng    | 99       |
| 18) Fluorene                  | 15.411 | 166  | 31446    | 0.431 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.497 | 198  | 1310     | 0.443 | ng    | # 85     |
| 21) 4-Bromophenyl-phenylether | 16.314 | 248  | 9610     | 0.436 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.426 | 284  | 10581    | 0.454 | ng    | 97       |
| 24) Pentachlorophenol         | 16.761 | 266  | 9392     | 1.120 | ng    | 99       |
| 25) Phenanthrene              | 17.158 | 178  | 46558    | 0.396 | ng    | 100      |
| 26) Anthracene                | 17.245 | 178  | 42028    | 0.375 | ng    | 100      |
| 28) Fluoranthene              | 19.189 | 202  | 50232    | 0.366 | ng    | 99       |
| 30) Pyrene                    | 19.552 | 202  | 40447    | 0.356 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.310 | 228  | 45948    | 0.425 | ng    | 98       |
| 33) Chrysene                  | 21.364 | 228  | 46188    | 0.429 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149  | 36320    | 0.650 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.028 | 276  | 35761    | 0.782 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.944 | 252  | 42969    | 0.961 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 22.991 | 252  | 34725    | 0.719 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 23.540 | 252  | 23155    | 0.551 | ng    | # 81     |
| 40) Dibenzo(a,h)anthracene    | 26.052 | 278  | 35972    | 0.912 | ng    | # 89     |
| 41) Benzo(g,h,i)perylene      | 26.754 | 276  | 28934    | 0.685 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

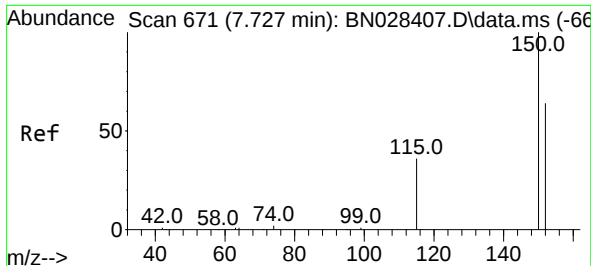
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110423\  
Data File : BN028468.D  
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Operator : MA/JU  
Sample : PB156879BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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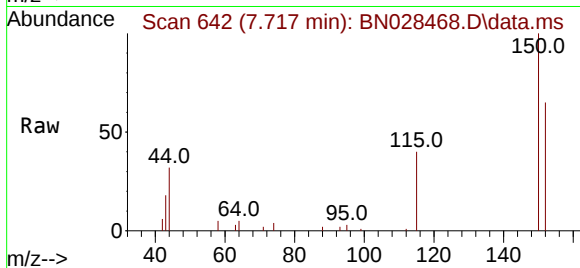
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 02 06:26:50 2023  
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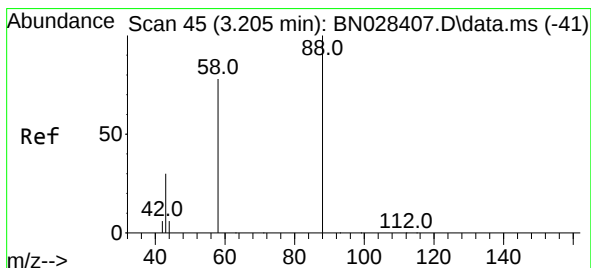
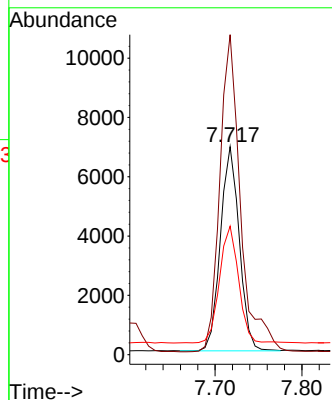
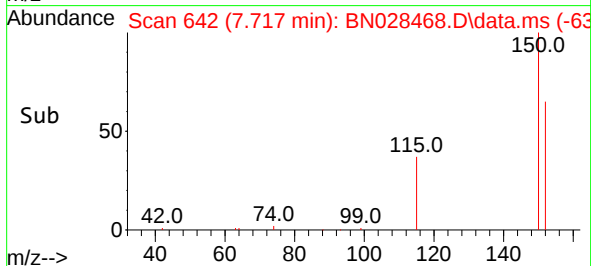


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 64  
Delta R.T. -0.010 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

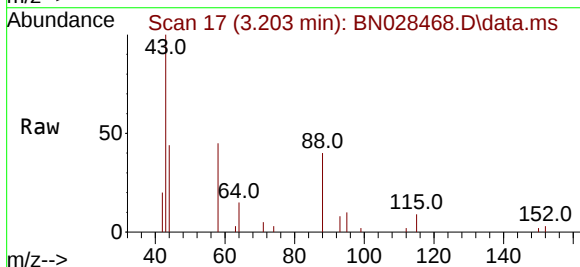
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ClientSampleId :  
PB156879BS



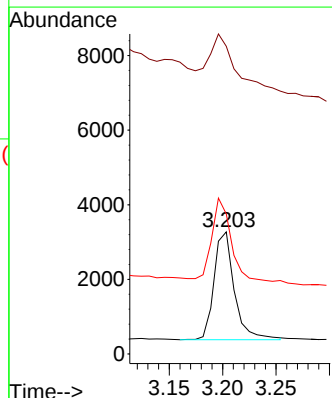
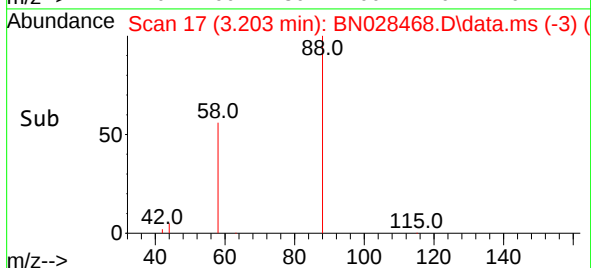
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Ion Ratio Lower Upper  
152 100  
150 153.9 123.8 185.6  
115 61.8 47.0 70.6

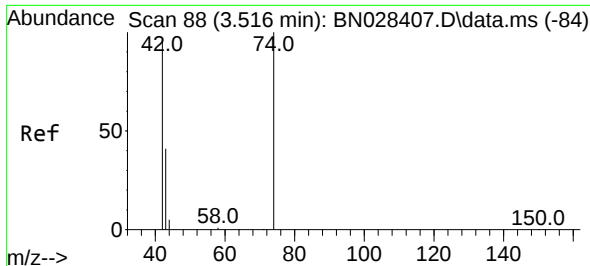


#2  
1,4-Dioxane  
Concen: 0.333 ng  
RT: 3.203 min Scan# 17  
Delta R.T. -0.002 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10



Tgt Ion: 88 Resp: 3829  
Ion Ratio Lower Upper  
88 100  
43 68.2 24.3 36.5#  
58 72.1 59.8 89.6

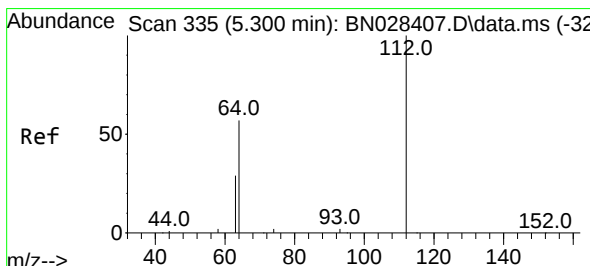
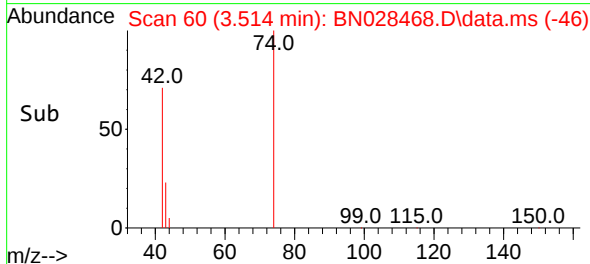
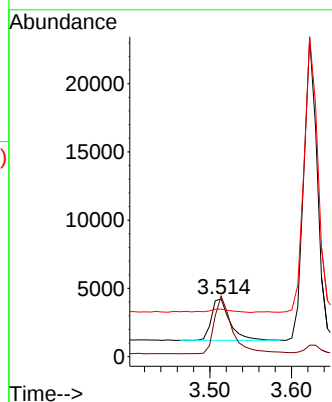
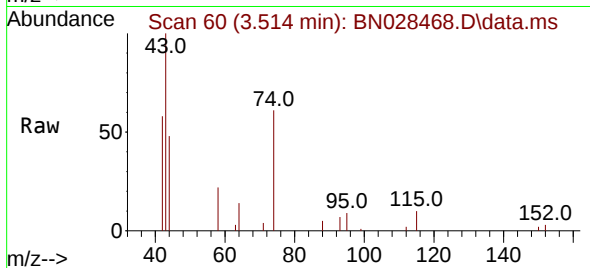




#3  
n-Nitrosodimethylamine  
Concen: 0.370 ng  
RT: 3.514 min Scan# 60  
Delta R.T. -0.002 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

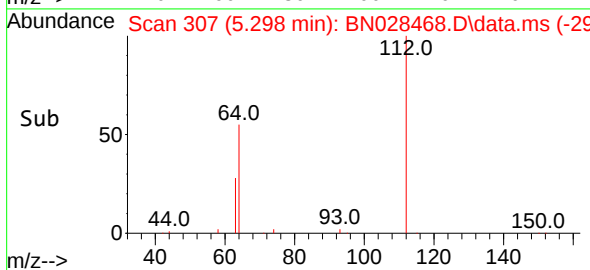
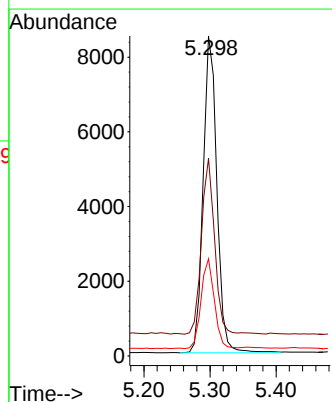
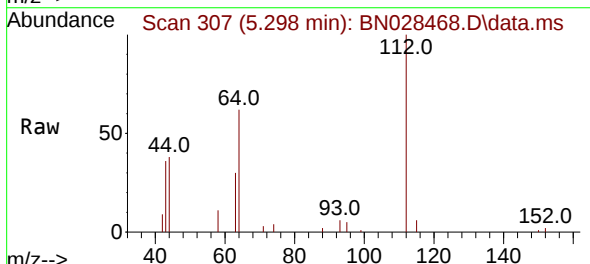
Instrument :  
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ClientSampleId :  
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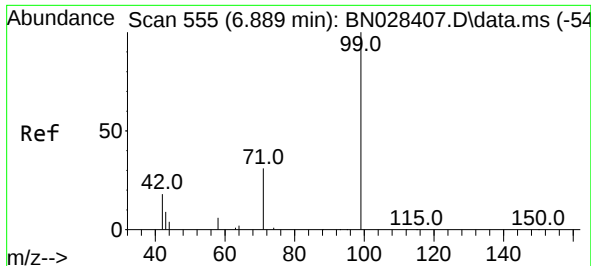
Tgt Ion: 42 Resp: 4748  
Ion Ratio Lower Upper  
42 100  
74 135.2 100.3 150.5  
44 10.5 6.2 9.2#



#4  
2-Fluorophenol  
Concen: 0.449 ng  
RT: 5.298 min Scan# 307  
Delta R.T. -0.002 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion: 112 Resp: 12188  
Ion Ratio Lower Upper  
112 100  
64 53.6 44.3 66.5  
63 27.6 22.6 33.8

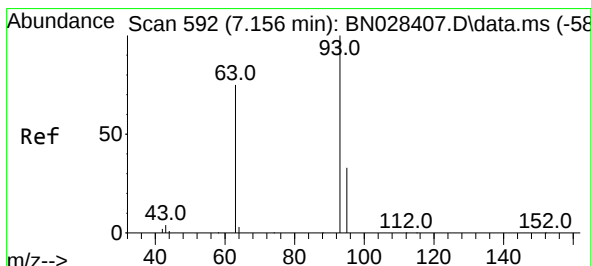
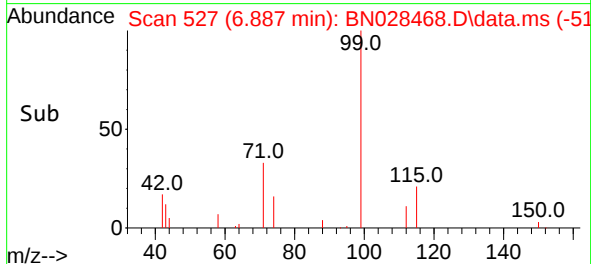
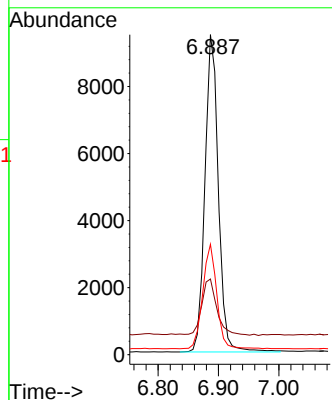
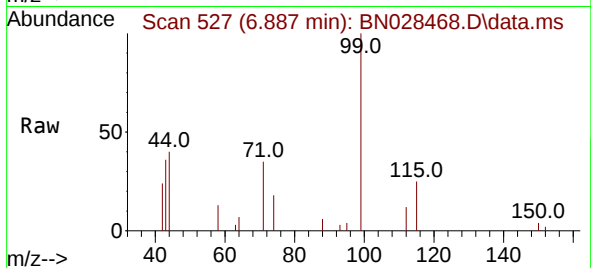




#5  
Phenol-d6  
Concen: 0.427 ng  
RT: 6.887 min Scan# 51  
Delta R.T. -0.002 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

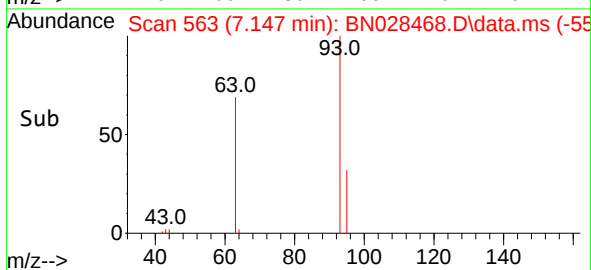
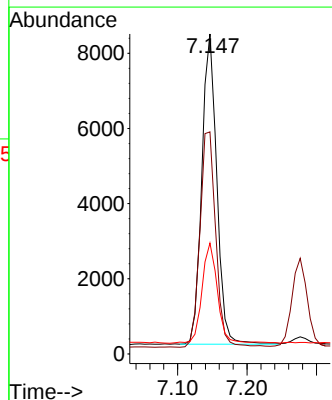
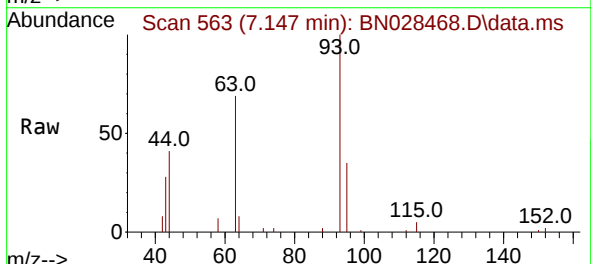
Instrument :  
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ClientSampleId :  
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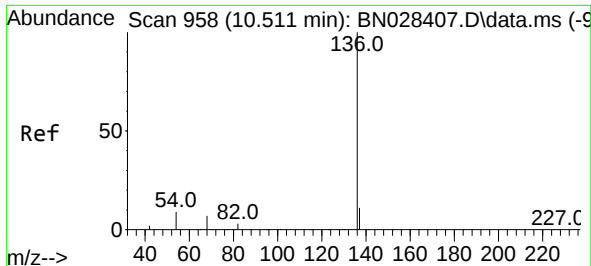
Tgt Ion: 99 Resp: 14687  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.4 23.0  
71 34.5 24.4 36.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.415 ng  
RT: 7.147 min Scan# 563  
Delta R.T. -0.009 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion: 93 Resp: 12374  
Ion Ratio Lower Upper  
93 100  
63 73.8 61.4 92.0  
95 32.9 26.1 39.1

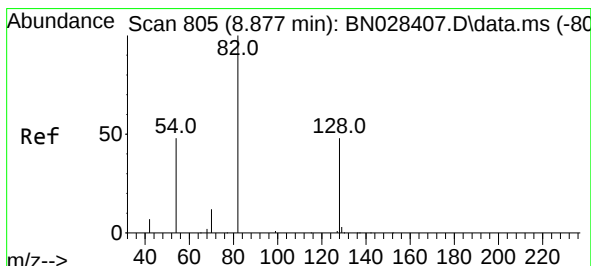
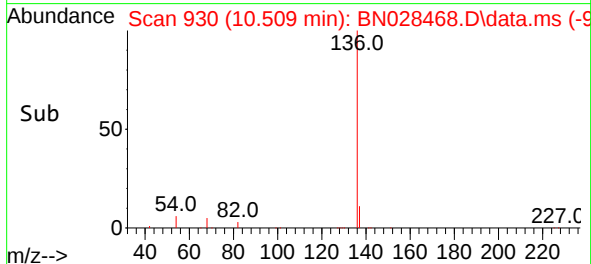
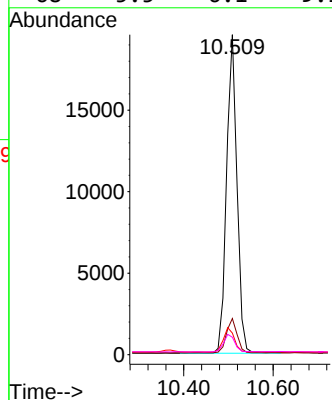
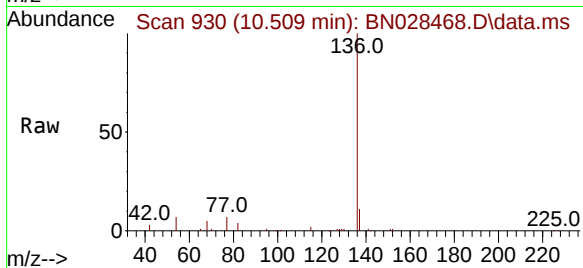




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 91  
Delta R.T. -0.002 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

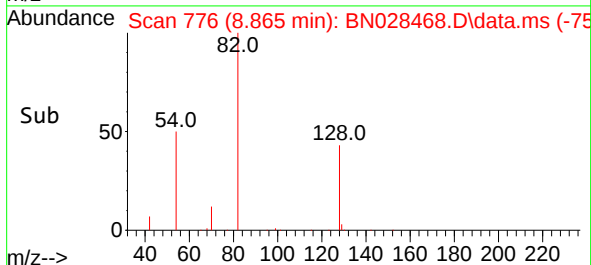
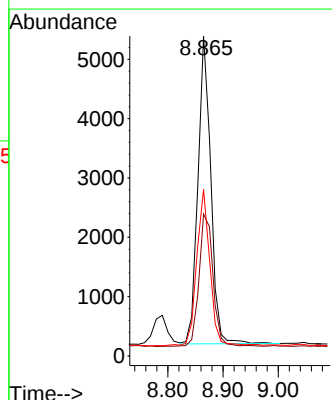
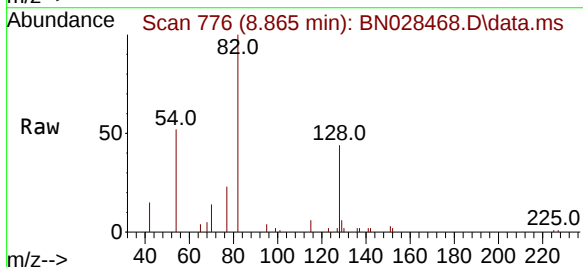
Instrument :  
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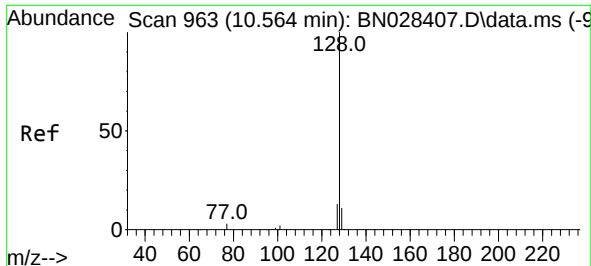
Tgt Ion:136 Resp: 31853  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 6.8 7.9 11.9#  
68 5.5 6.1 9.1#



#8  
Nitrobenzene-d5  
Concen: 0.407 ng  
RT: 8.865 min Scan# 776  
Delta R.T. -0.013 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion: 82 Resp: 8384  
Ion Ratio Lower Upper  
82 100  
128 44.3 38.8 58.2  
54 52.0 40.3 60.5

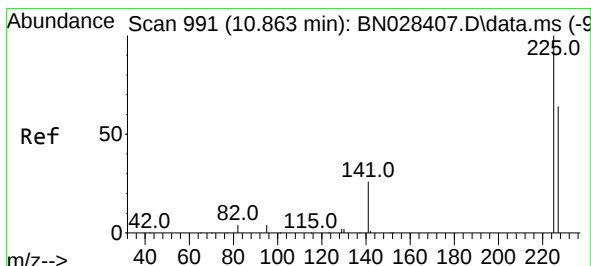
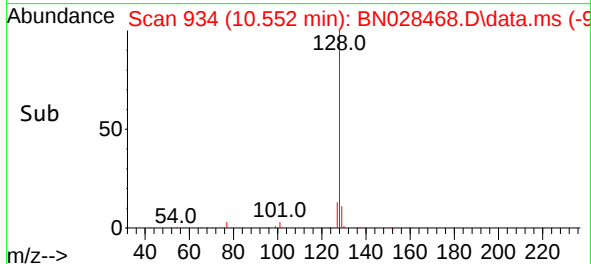
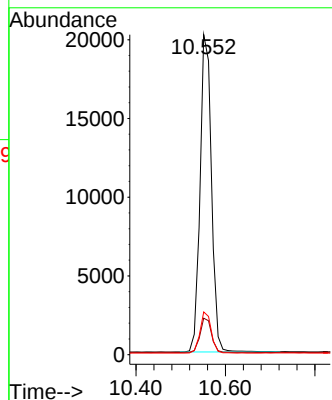
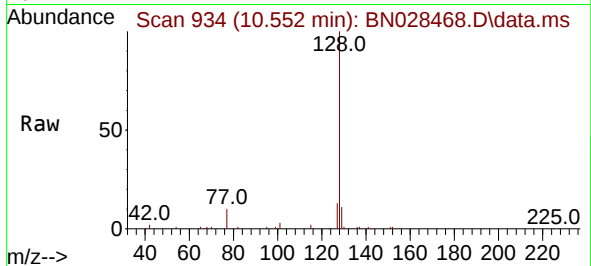




#9  
Naphthalene  
Concen: 0.417 ng  
RT: 10.552 min Scan# 91  
Delta R.T. -0.013 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

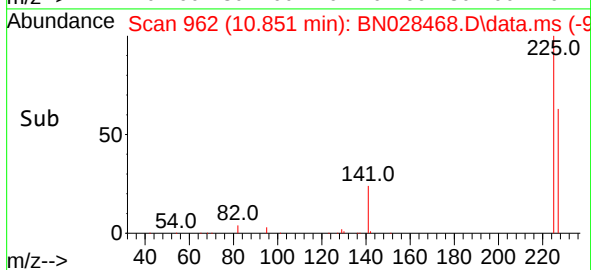
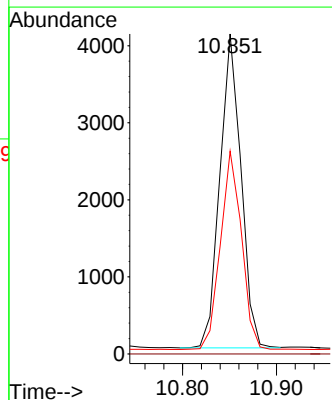
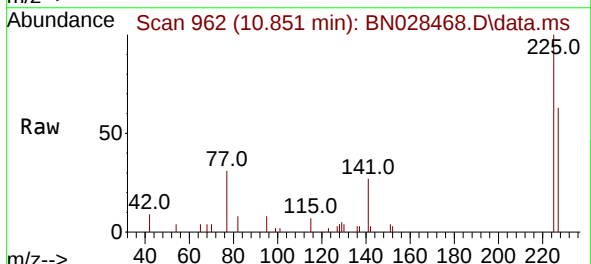
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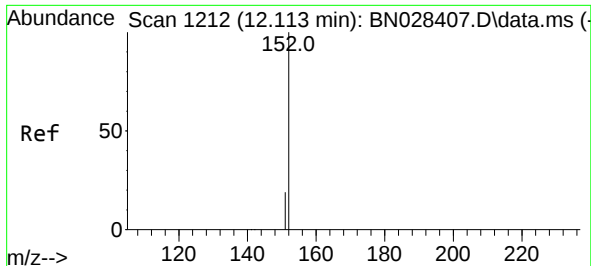
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Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.4 10.4 15.6



#10  
Hexachlorobutadiene  
Concen: 0.445 ng  
RT: 10.851 min Scan# 962  
Delta R.T. -0.013 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:225 Resp: 6368  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.1 51.4 77.0

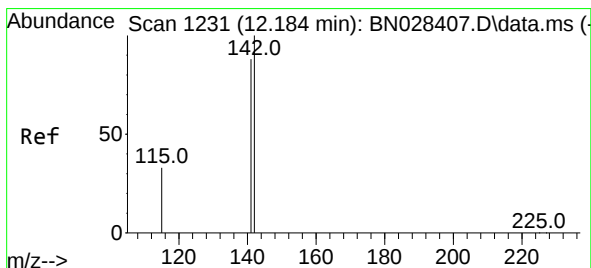
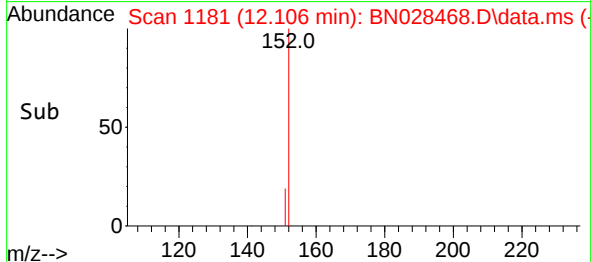
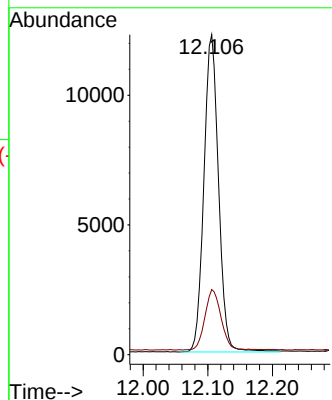
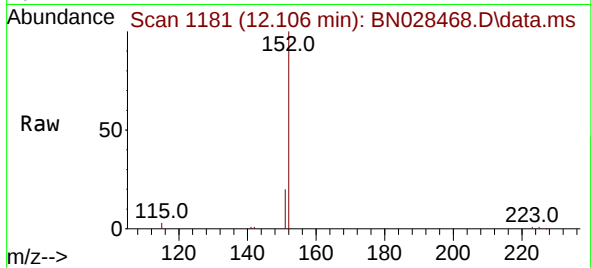




#11  
2-Methylnaphthalene-d10  
Concen: 0.422 ng  
RT: 12.106 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

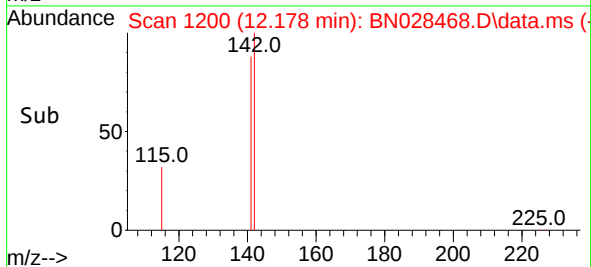
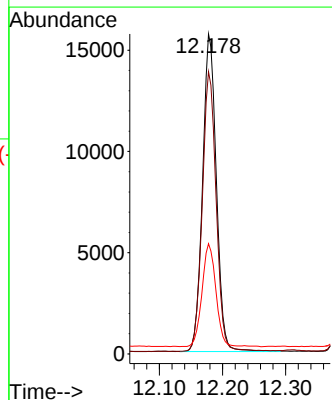
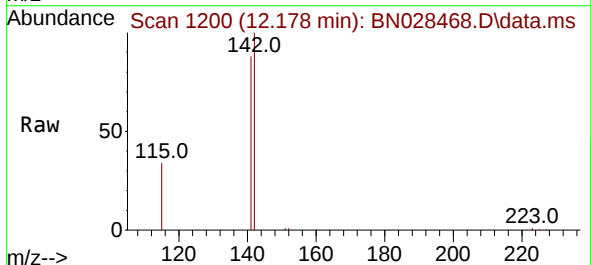
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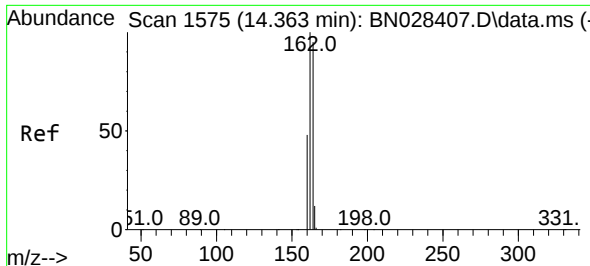
Tgt Ion:152 Resp: 19213  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.4 24.6



#12  
2-Methylnaphthalene  
Concen: 0.397 ng  
RT: 12.178 min Scan# 1200  
Delta R.T. -0.007 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:142 Resp: 23796  
Ion Ratio Lower Upper  
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141 88.2 70.7 106.1  
115 34.5 27.6 41.4

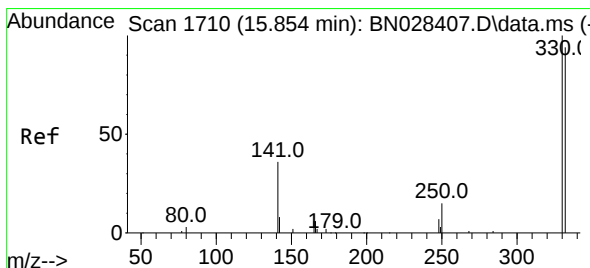
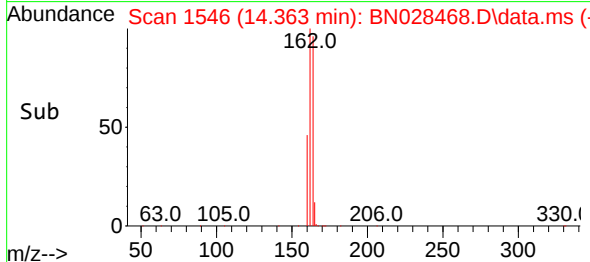
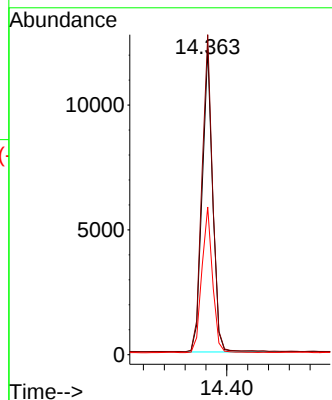
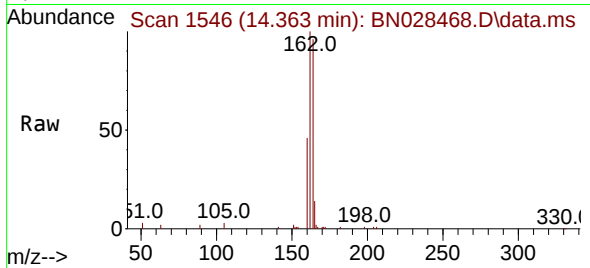




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.363 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

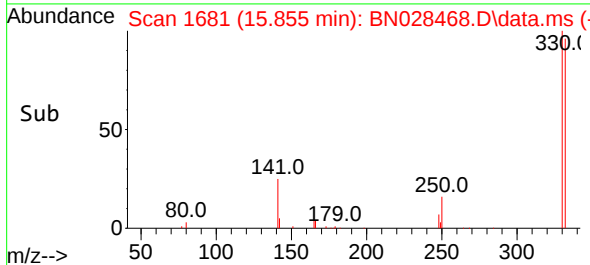
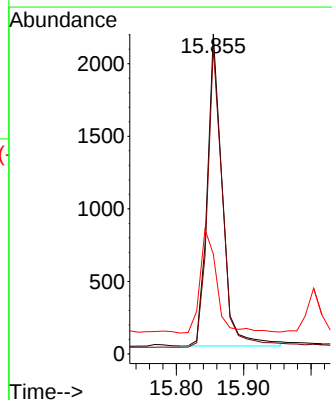
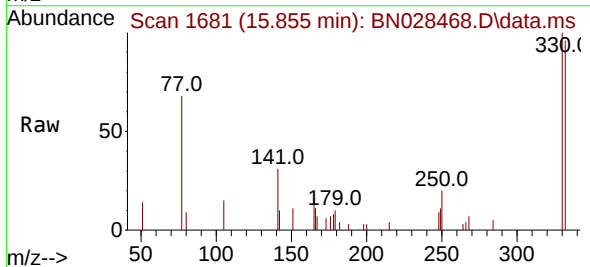
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

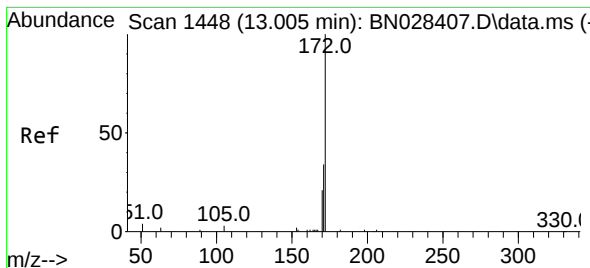
Tgt Ion:164 Resp: 17116  
Ion Ratio Lower Upper  
164 100  
162 104.6 84.6 127.0  
160 48.3 41.3 61.9



#14  
2,4,6-Tribromophenol  
Concen: 0.506 ng  
RT: 15.855 min Scan# 1681  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:330 Resp: 3379  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.2 114.2  
141 36.7 32.8 49.2





#15

2-Fluorobiphenyl

Concen: 0.143 ng

RT: 13.006 min Scan# 1448

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

Instrument :

BNA\_N

ClientSampleId :

PB156879BS

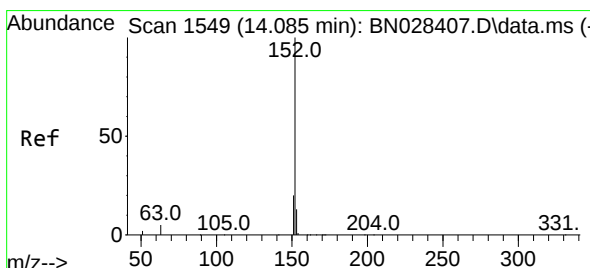
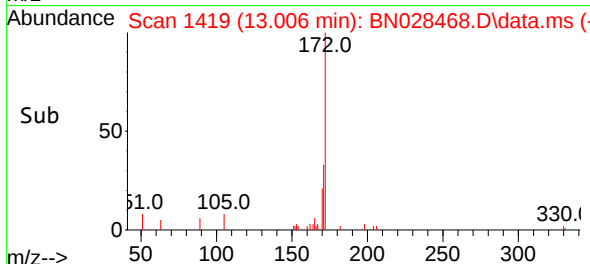
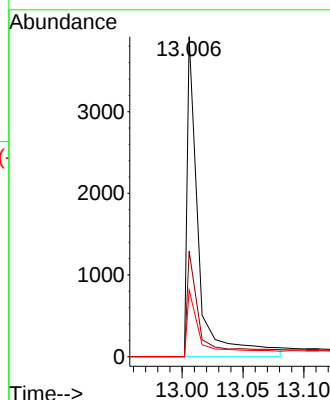
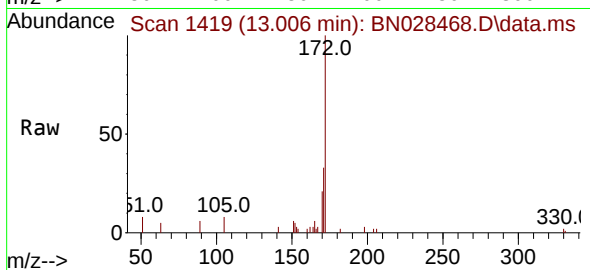
Tgt Ion:172 Resp: 2905

Ion Ratio Lower Upper

172 100

171 33.0 27.2 40.8

170 20.8 17.1 25.7



#16

Acenaphthylene

Concen: 0.364 ng

RT: 14.085 min Scan# 1520

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

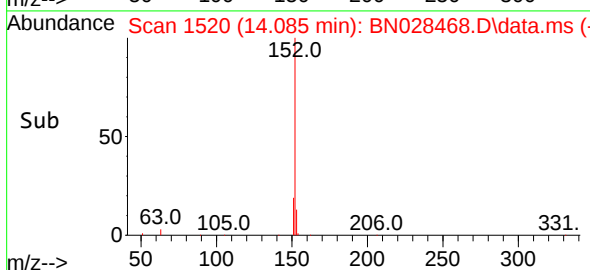
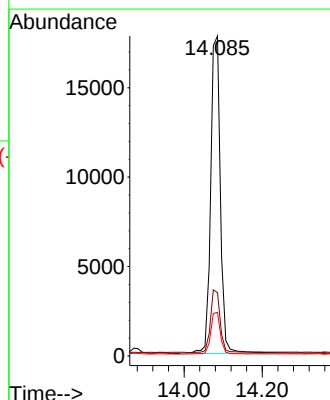
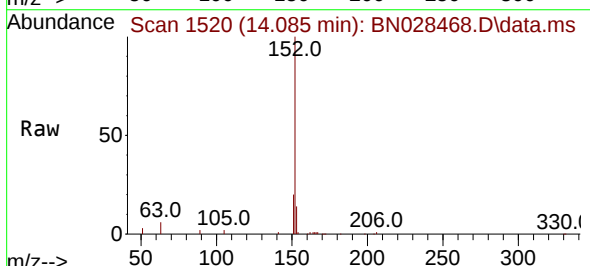
Tgt Ion:152 Resp: 30742

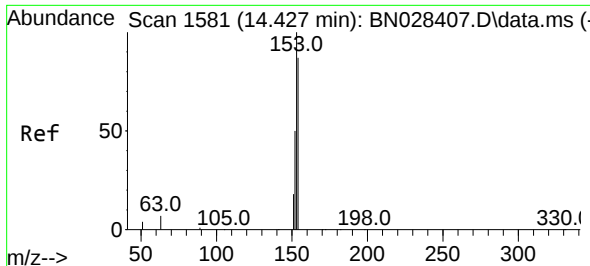
Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 13.0 10.5 15.7

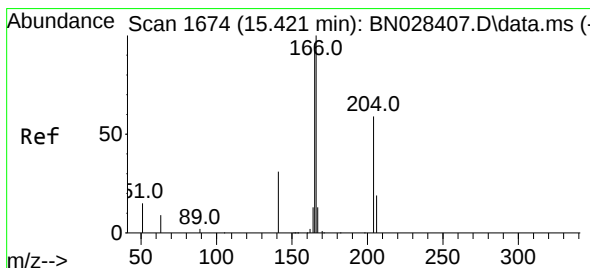
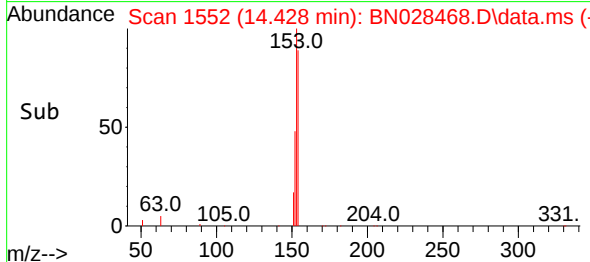
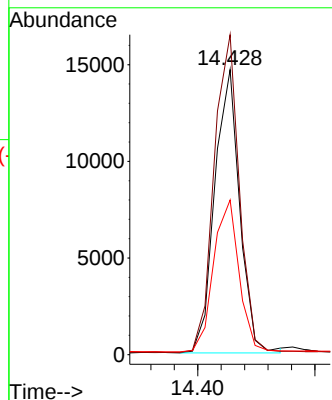
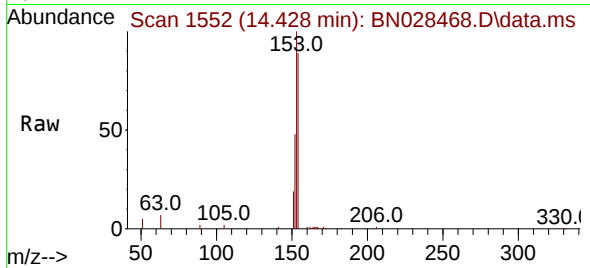




#17  
Acenaphthene  
Concen: 0.404 ng  
RT: 14.428 min Scan# 1581  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

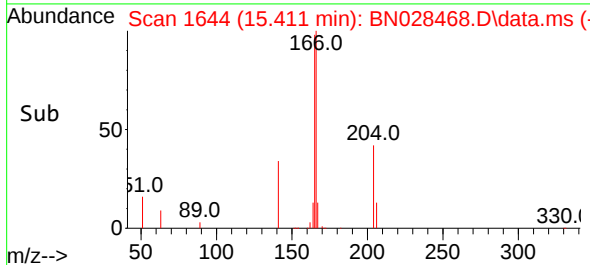
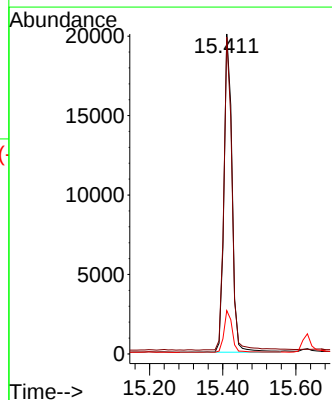
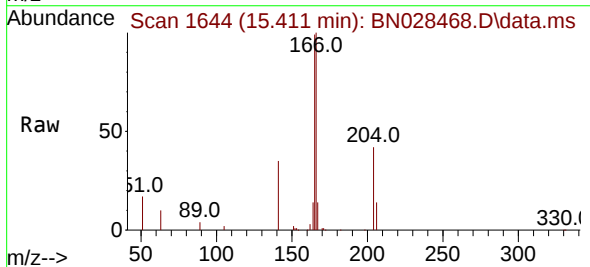
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

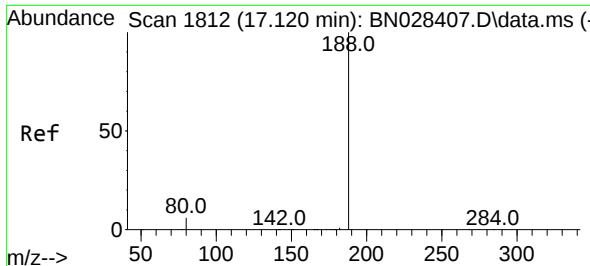
Tgt Ion:154 Resp: 21631  
Ion Ratio Lower Upper  
154 100  
153 113.9 90.5 135.7  
152 55.2 45.8 68.6



#18  
Fluorene  
Concen: 0.431 ng  
RT: 15.411 min Scan# 1644  
Delta R.T. -0.010 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:166 Resp: 31446  
Ion Ratio Lower Upper  
166 100  
165 98.5 79.2 118.8  
167 13.3 10.6 16.0

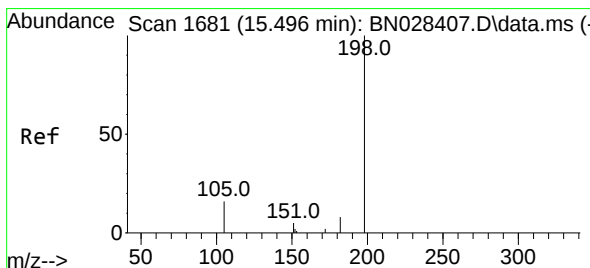
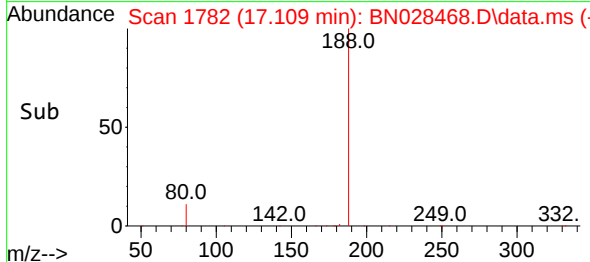
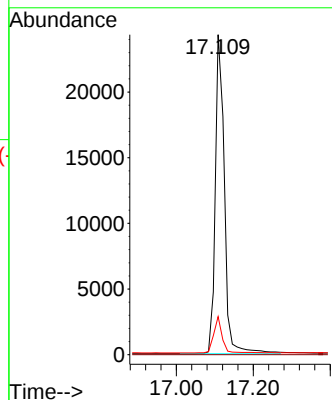
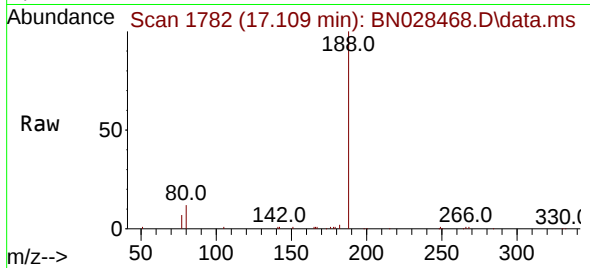




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.109 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

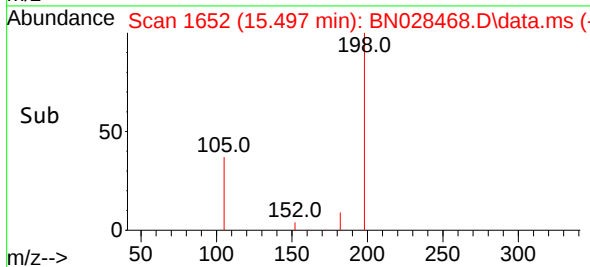
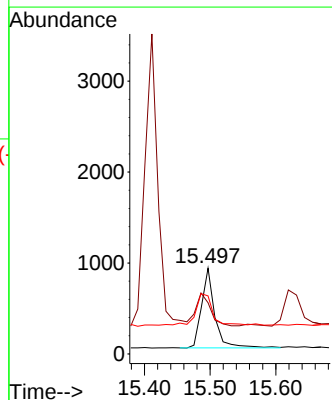
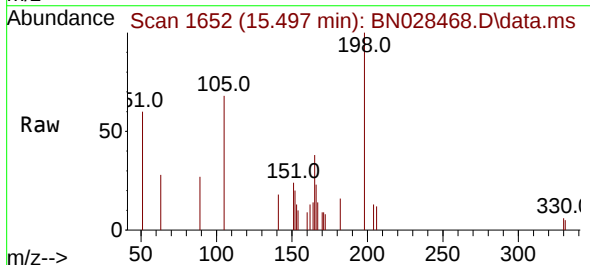
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

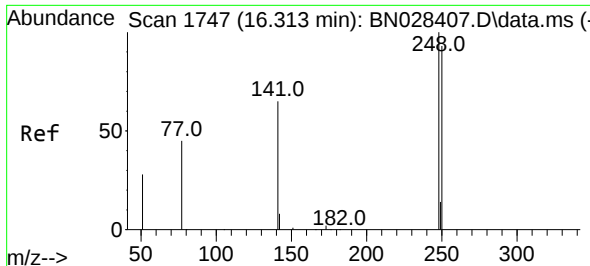
Tgt Ion:188 Resp: 39782  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.9 5.3 7.9#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.443 ng  
RT: 15.497 min Scan# 1652  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:198 Resp: 1310  
Ion Ratio Lower Upper  
198 100  
51 59.7 63.3 94.9#  
105 67.7 50.0 75.0

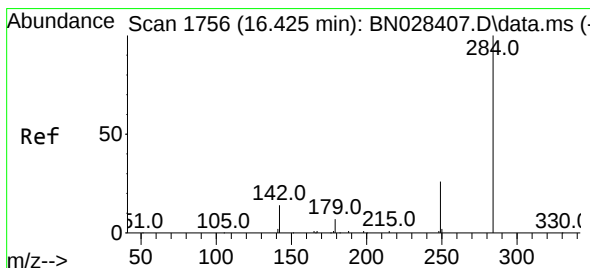
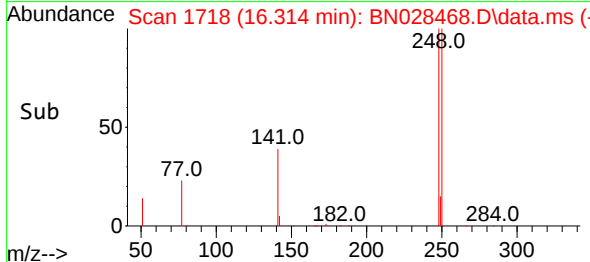
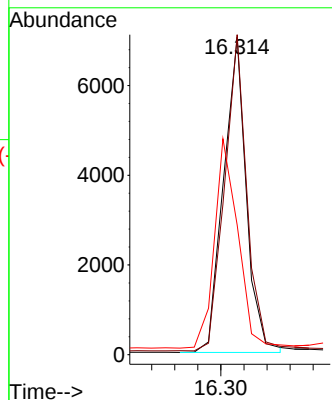
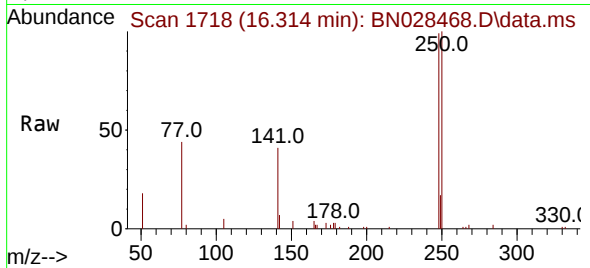




#21  
4-Bromophenyl-phenylether  
Concen: 0.436 ng  
RT: 16.314 min Scan# 1718  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

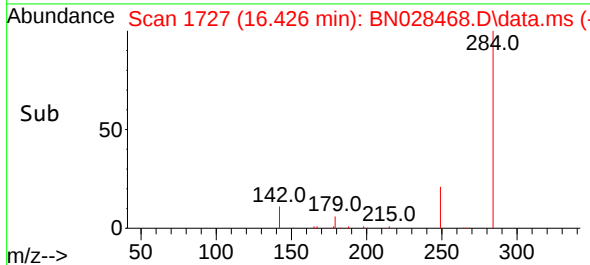
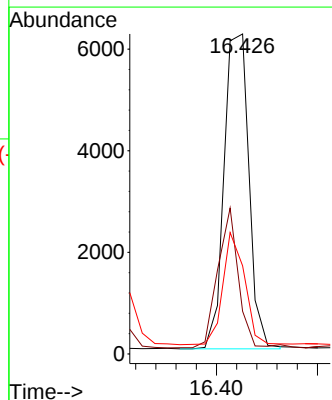
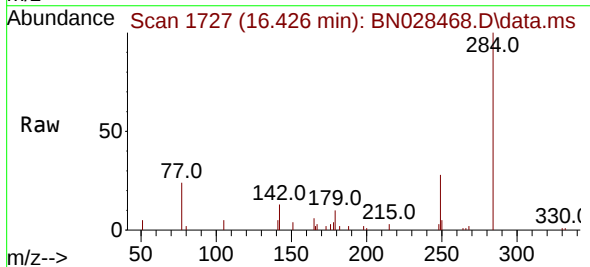
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

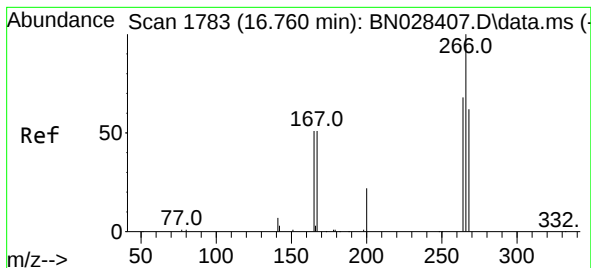
Tgt Ion:248 Resp: 9610  
Ion Ratio Lower Upper  
248 100  
250 100.8 74.6 111.8  
141 40.9 53.4 80.2#



#22  
Hexachlorobenzene  
Concen: 0.454 ng  
RT: 16.426 min Scan# 1727  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:284 Resp: 10581  
Ion Ratio Lower Upper  
284 100  
142 36.5 31.8 47.6  
249 31.1 25.0 37.6





#24

Pentachlorophenol

Concen: 1.120 ng

RT: 16.761 min Scan# 1783

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

Instrument :

BNA\_N

ClientSampleId :

PB156879BS

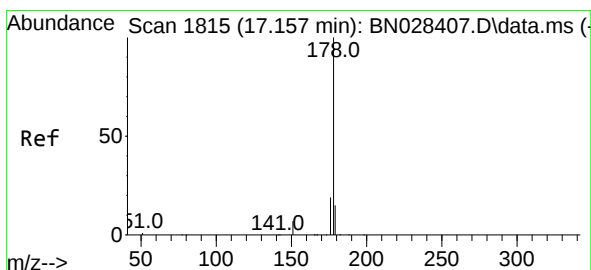
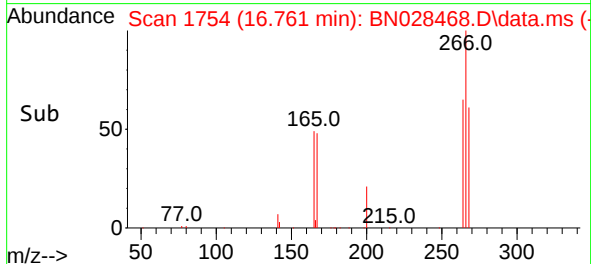
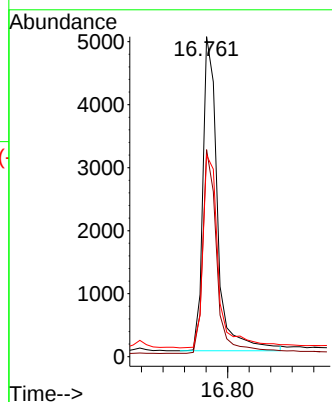
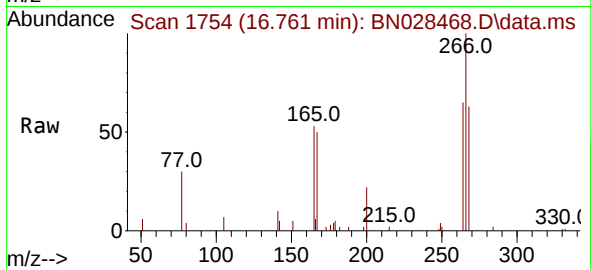
Tgt Ion:266 Resp: 9392

Ion Ratio Lower Upper

266 100

264 62.9 50.9 76.3

268 65.2 51.0 76.4



#25

Phenanthrene

Concen: 0.396 ng

RT: 17.158 min Scan# 1786

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

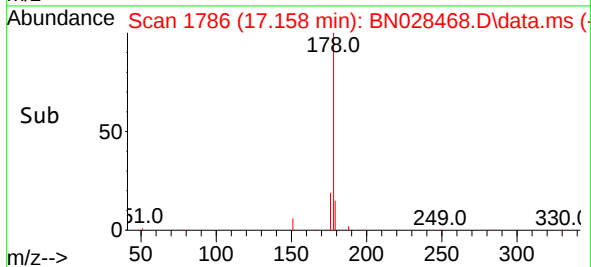
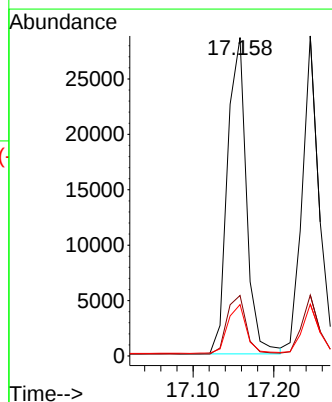
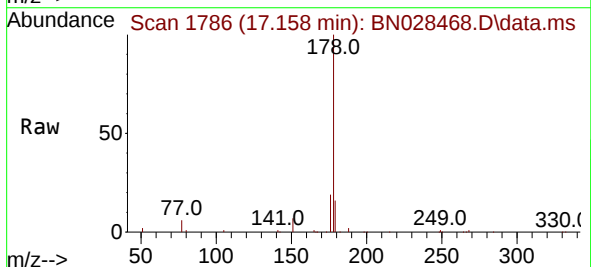
Tgt Ion:178 Resp: 46558

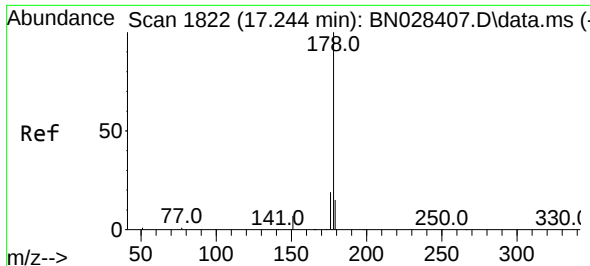
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.2 18.2

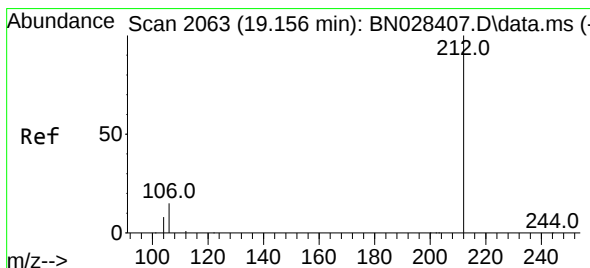
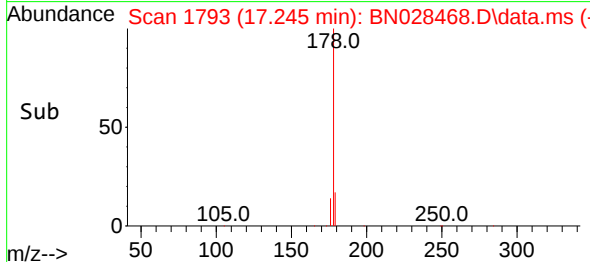
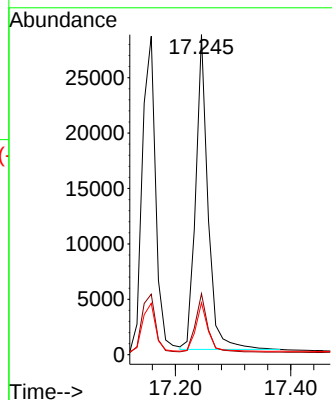
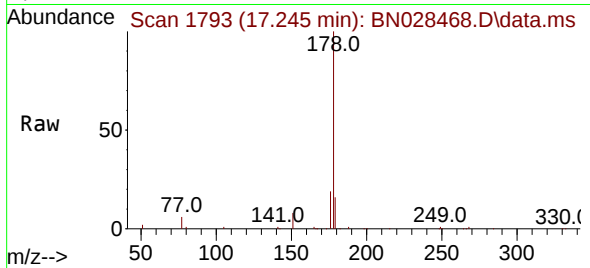




#26  
 Anthracene  
 Concen: 0.375 ng  
 RT: 17.245 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: BN028468.D  
 Acq: 04 Nov 2023 11:10

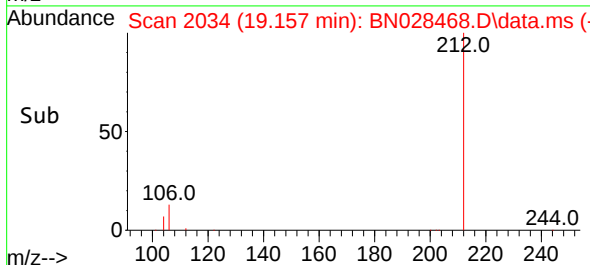
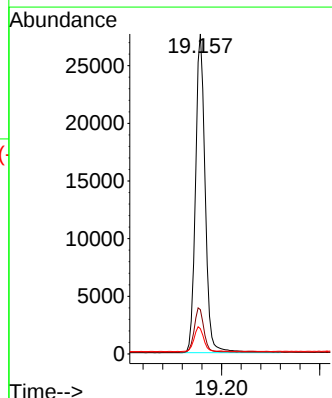
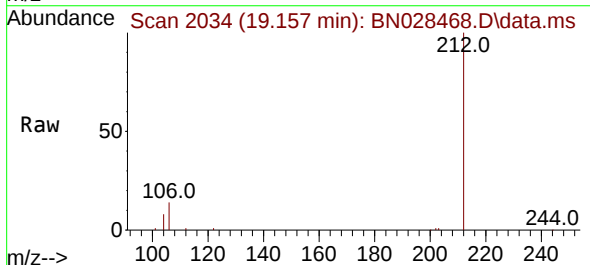
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB156879BS

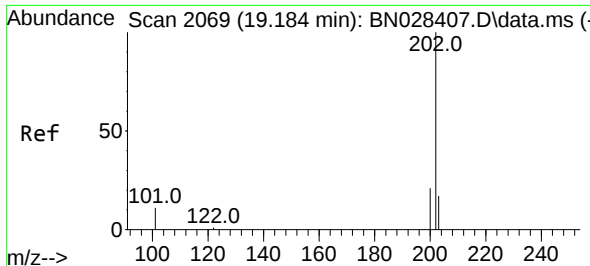
Tgt Ion:178 Resp: 42028  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 14.9 22.3  
 179 15.2 12.2 18.4



#27  
 Fluoranthene-d10  
 Concen: 0.384 ng  
 RT: 19.157 min Scan# 2034  
 Delta R.T. 0.001 min  
 Lab File: BN028468.D  
 Acq: 04 Nov 2023 11:10

Tgt Ion:212 Resp: 37758  
 Ion Ratio Lower Upper  
 212 100  
 106 14.0 11.9 17.9  
 104 7.8 6.7 10.1

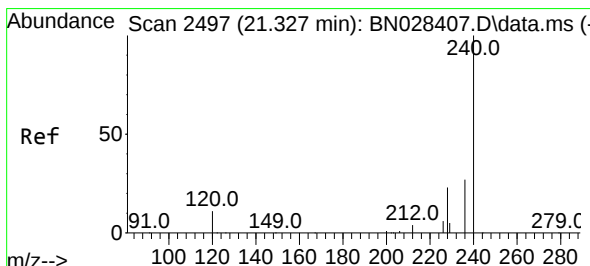
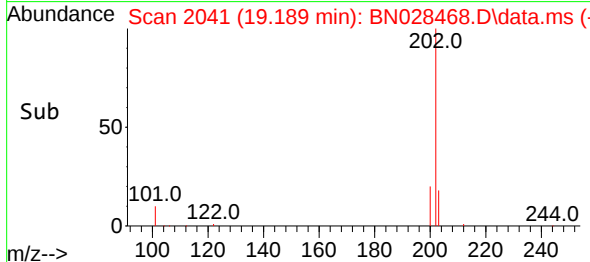
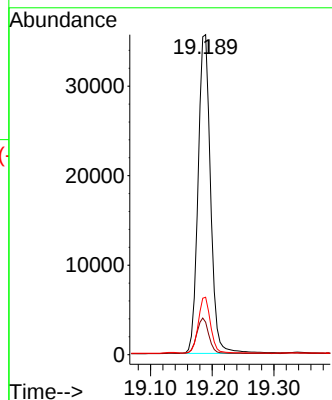
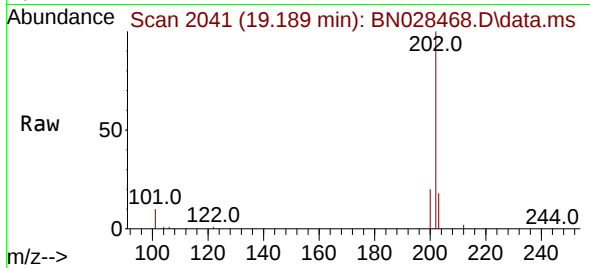




#28  
Fluoranthene  
Concen: 0.366 ng  
RT: 19.189 min Scan# 2069  
Delta R.T. 0.006 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

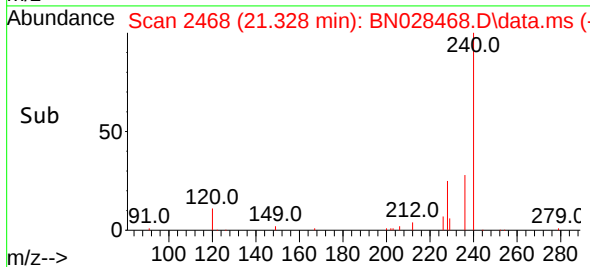
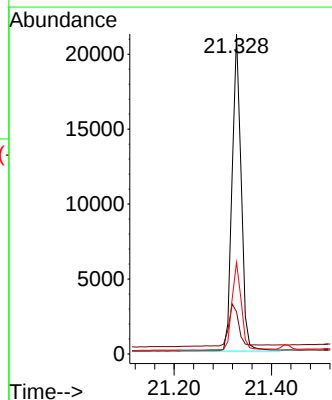
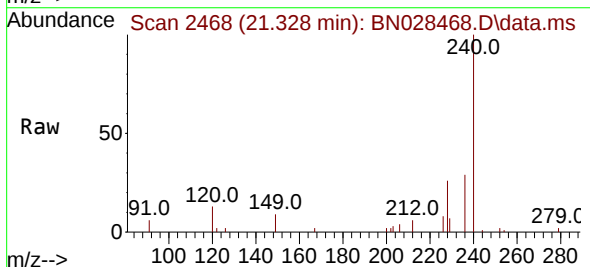
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

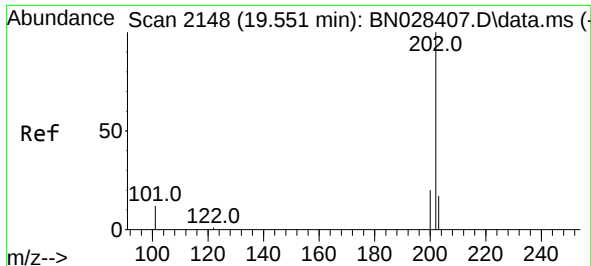
Tgt Ion:202 Resp: 50232  
Ion Ratio Lower Upper  
202 100  
101 10.7 9.3 13.9  
203 17.0 13.7 20.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.328 min Scan# 2468  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:240 Resp: 27247  
Ion Ratio Lower Upper  
240 100  
120 13.2 9.8 14.6  
236 28.7 22.2 33.2

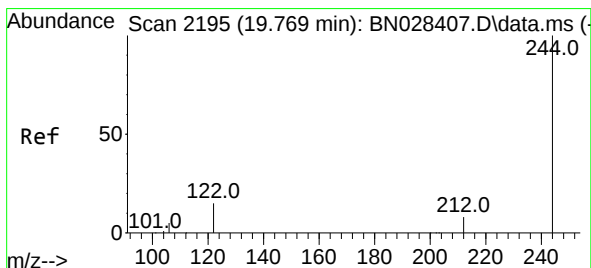
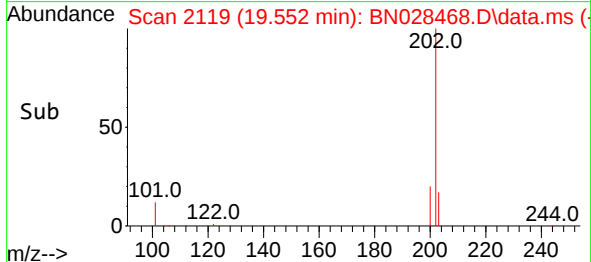
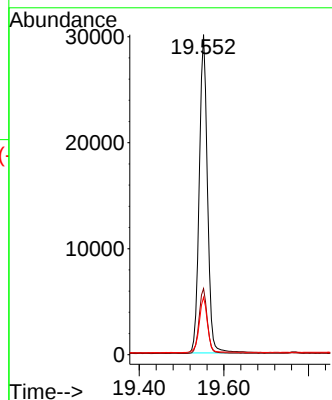
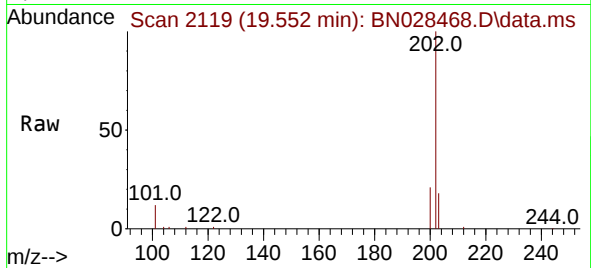




#30  
Pyrene  
Concen: 0.356 ng  
RT: 19.552 min Scan# 2148  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

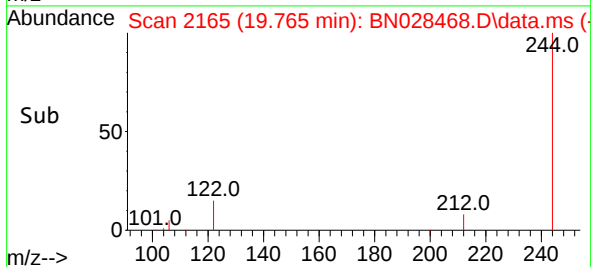
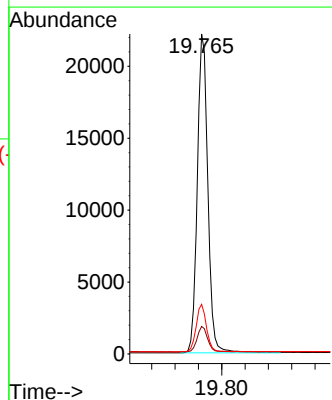
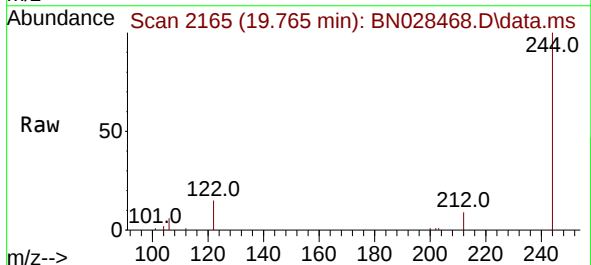
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

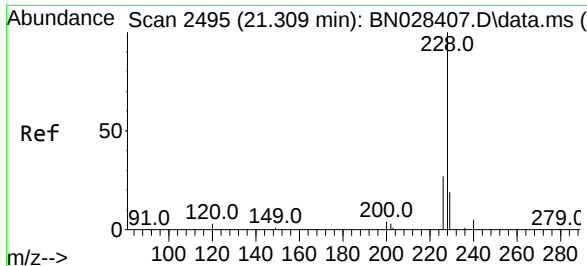
Tgt Ion:202 Resp: 40447  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.6 25.0  
203 17.7 14.2 21.2



#31  
Terphenyl-d14  
Concen: 0.484 ng  
RT: 19.765 min Scan# 2165  
Delta R.T. -0.004 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:244 Resp: 27770  
Ion Ratio Lower Upper  
244 100  
212 8.6 6.6 10.0  
122 15.5 12.6 19.0

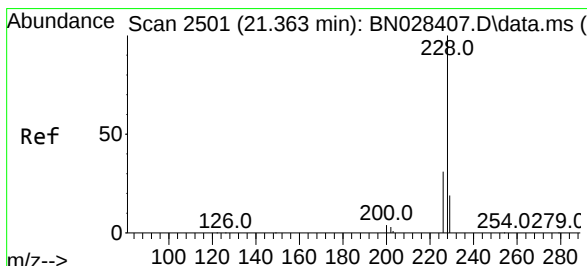
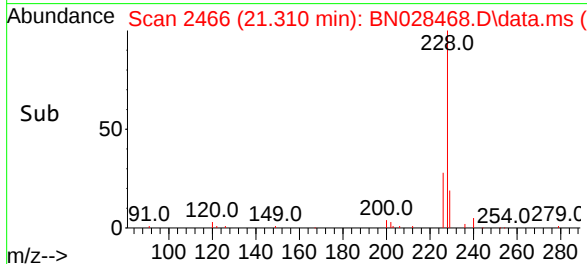
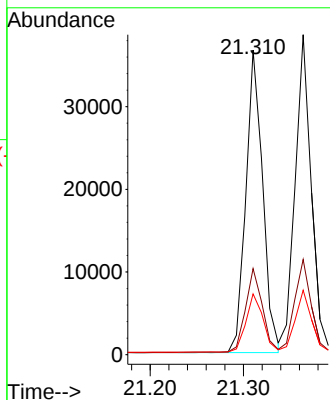
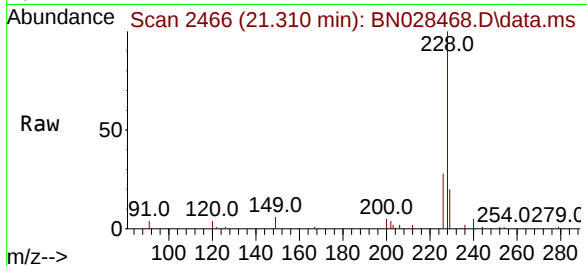




#32  
Benzo(a)anthracene  
Concen: 0.425 ng  
RT: 21.310 min Scan# 2466  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

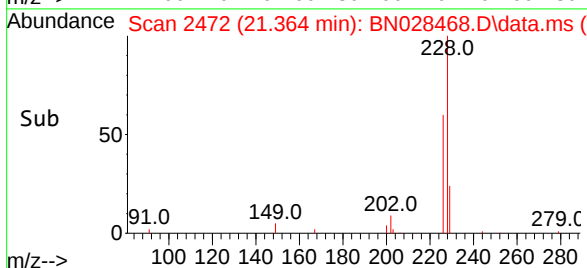
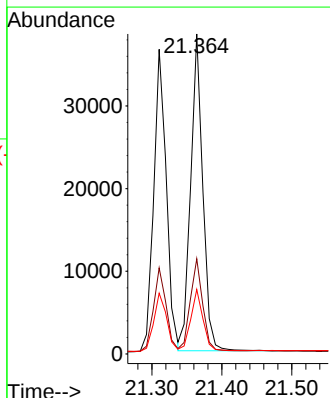
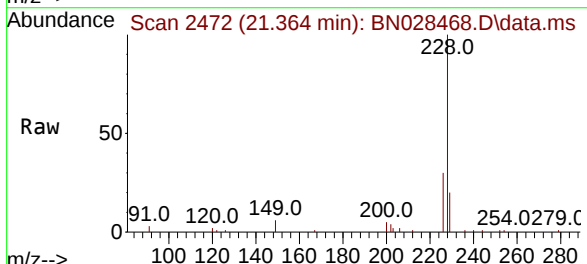
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

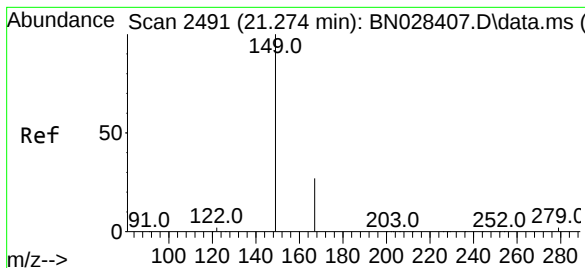
Tgt Ion:228 Resp: 45948  
Ion Ratio Lower Upper  
228 100  
226 28.2 21.8 32.8  
229 20.0 15.5 23.3



#33  
Chrysene  
Concen: 0.429 ng  
RT: 21.364 min Scan# 2472  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:228 Resp: 46188  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.6 36.8  
229 20.2 15.7 23.5

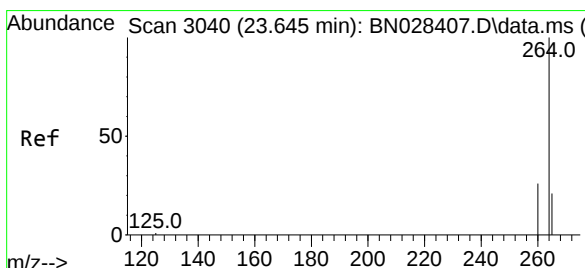
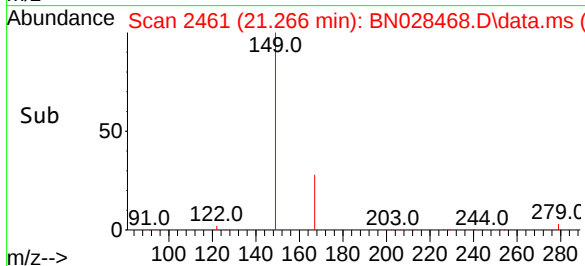
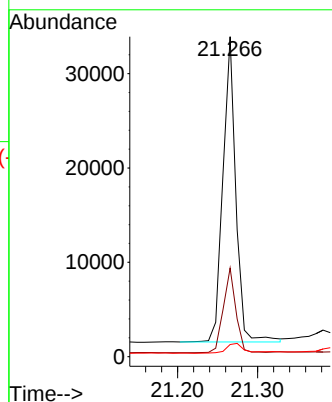
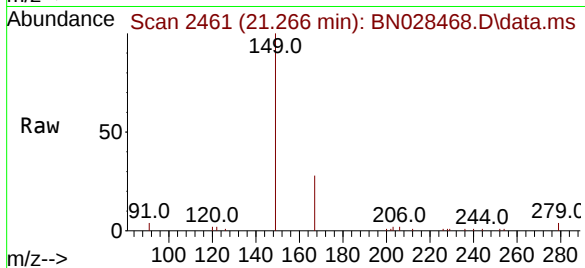




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.650 ng  
RT: 21.266 min Scan# 2461  
Delta R.T. -0.008 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

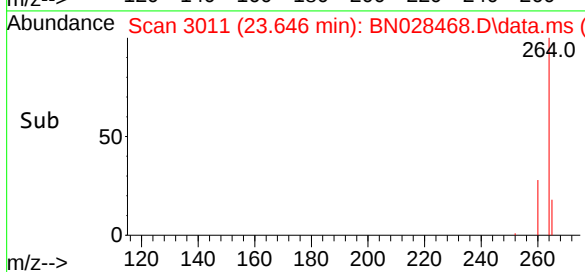
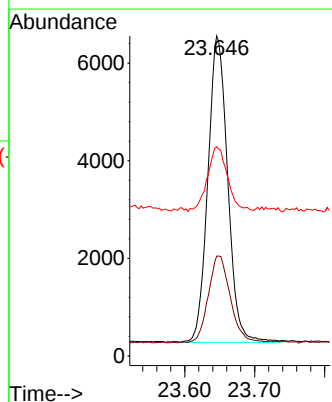
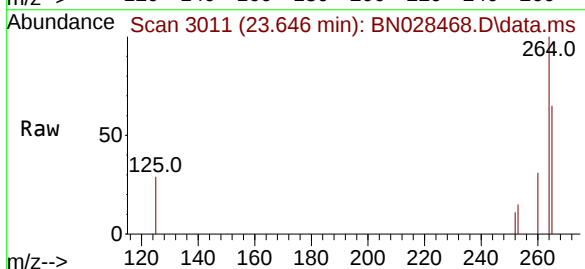
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

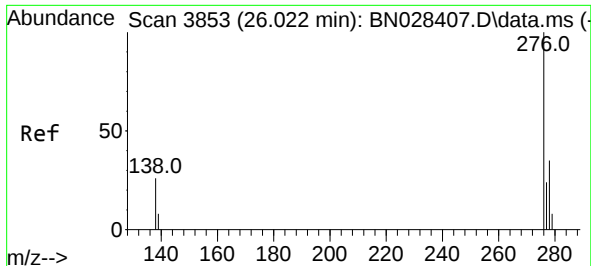
Tgt Ion:149 Resp: 36320  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.4 32.0  
279 4.5 2.3 3.5#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.646 min Scan# 3011  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:264 Resp: 12340  
Ion Ratio Lower Upper  
264 100  
260 31.2 20.8 31.2#  
265 65.4 21.7 32.5#

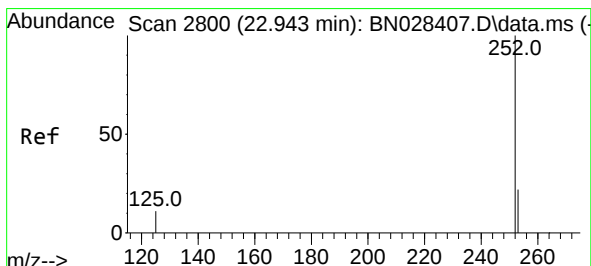
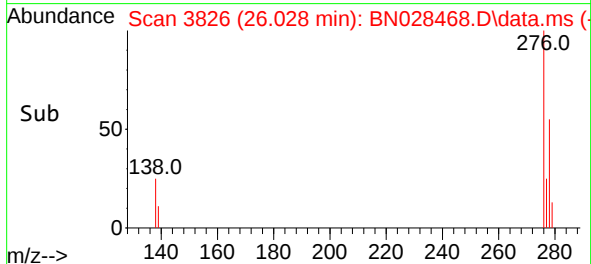
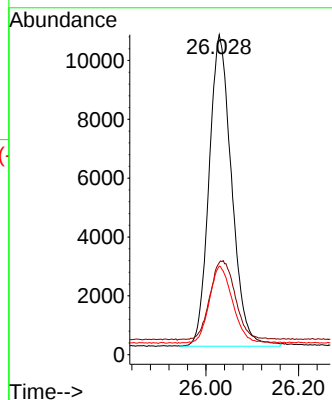
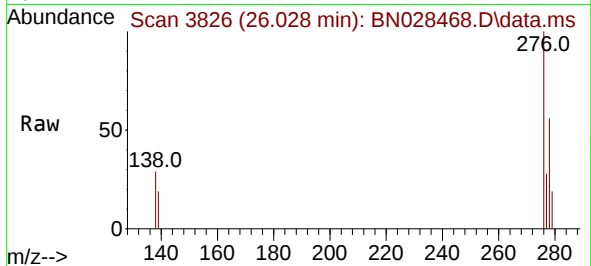




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.782 ng  
RT: 26.028 min Scan# 3853  
Delta R.T. 0.006 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

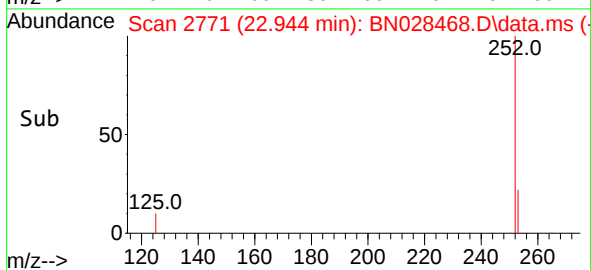
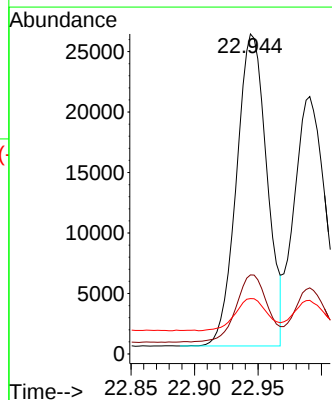
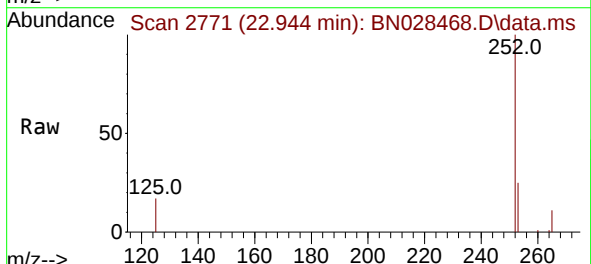
Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

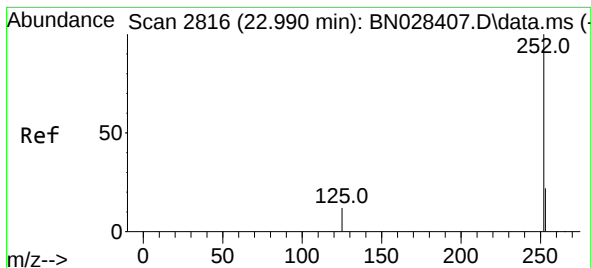
Tgt Ion:276 Resp: 35761  
Ion Ratio Lower Upper  
276 100  
138 27.8 24.1 36.1  
277 25.3 19.7 29.5



#37  
Benzo(b)fluoranthene  
Concen: 0.961 ng  
RT: 22.944 min Scan# 2771  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:252 Resp: 42969  
Ion Ratio Lower Upper  
252 100  
253 24.7 18.2 27.4  
125 17.3 10.0 15.0#





#38

Benzo(k)fluoranthene

Concen: 0.719 ng

RT: 22.991 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

Instrument :

BNA\_N

ClientSampleId :

PB156879BS

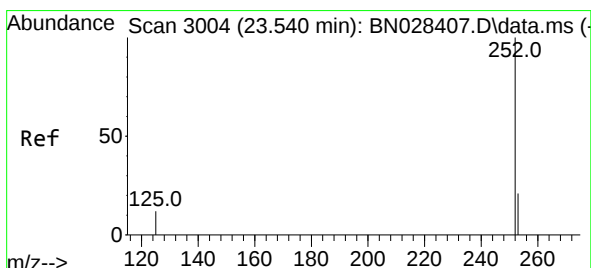
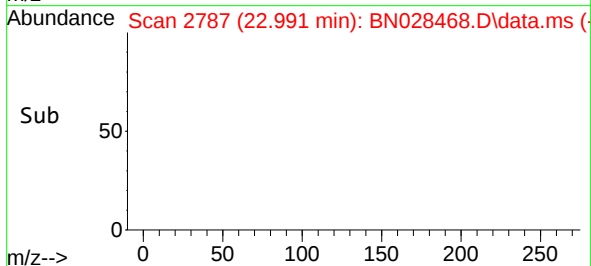
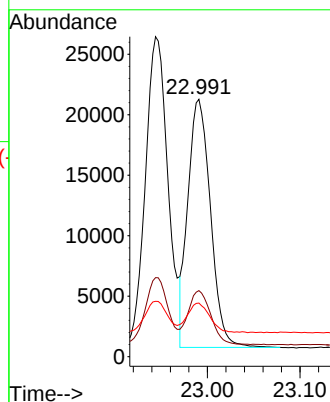
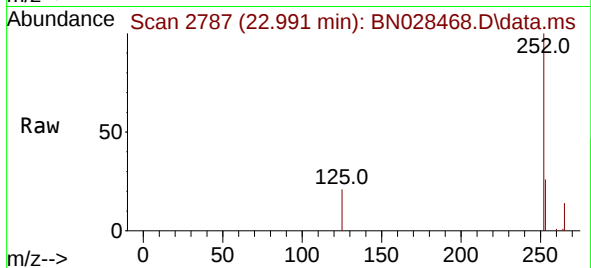
Tgt Ion:252 Resp: 34725

Ion Ratio Lower Upper

252 100

253 25.6 18.1 27.1

125 20.8 10.2 15.2#



#39

Benzo(a)pyrene

Concen: 0.551 ng

RT: 23.540 min Scan# 2975

Delta R.T. 0.001 min

Lab File: BN028468.D

Acq: 04 Nov 2023 11:10

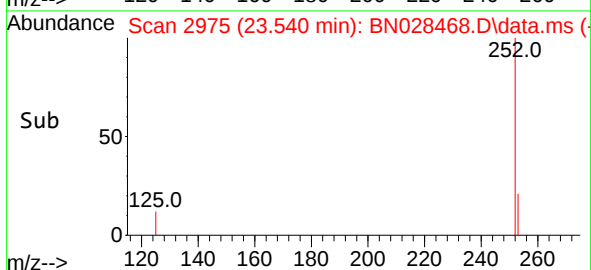
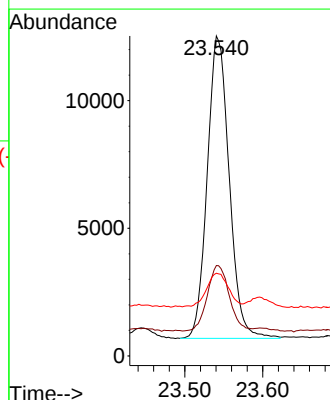
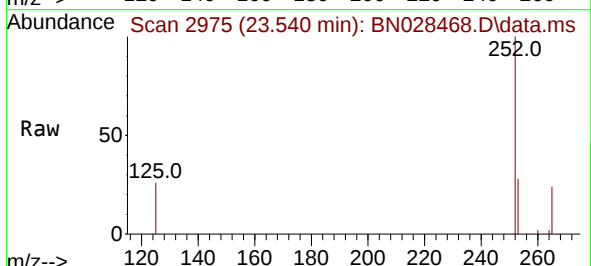
Tgt Ion:252 Resp: 23155

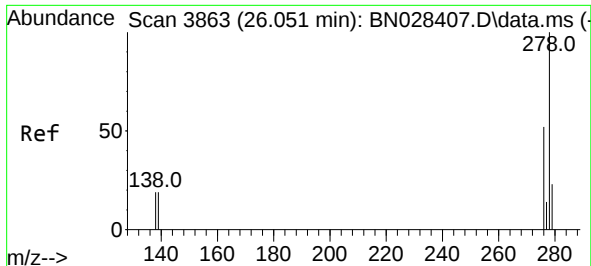
Ion Ratio Lower Upper

252 100

253 28.3 17.9 26.9#

125 25.9 11.0 16.6#

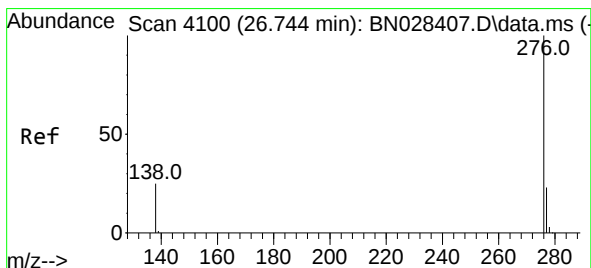
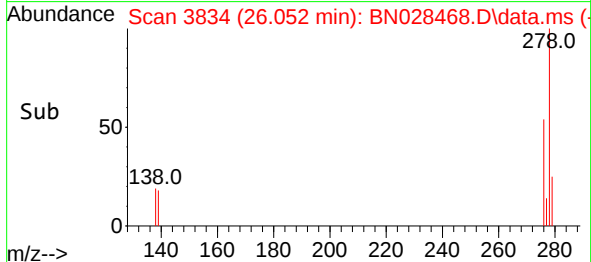
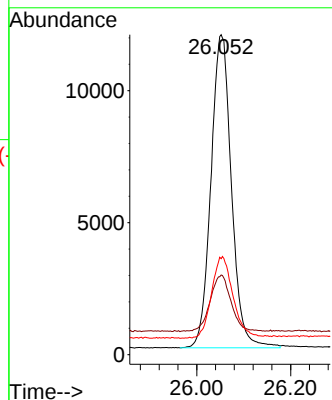
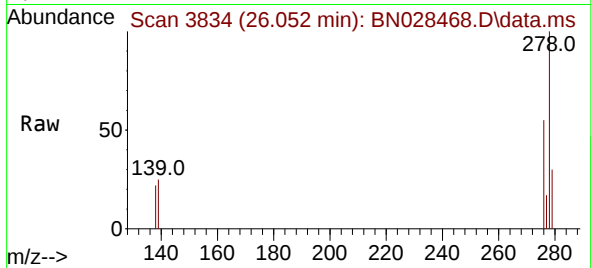




#40  
Dibenzo(a,h)anthracene  
Concen: 0.912 ng  
RT: 26.052 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Instrument :  
BNA\_N  
ClientSampleId :  
PB156879BS

Tgt Ion:278 Resp: 35972  
Ion Ratio Lower Upper  
278 100  
139 24.9 15.8 23.8#  
279 30.0 19.7 29.5#



#41  
Benzo(g,h,i)perylene  
Concen: 0.685 ng  
RT: 26.754 min Scan# 4074  
Delta R.T. 0.010 min  
Lab File: BN028468.D  
Acq: 04 Nov 2023 11:10

Tgt Ion:276 Resp: 28934  
Ion Ratio Lower Upper  
276 100  
277 27.1 19.0 28.4  
138 27.6 21.1 31.7

