

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041524\  
 Data File : BN030953.D  
 Acq On : 16 Apr 2024 01:47  
 Operator : MA/JU  
 Sample : PB160153BSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160153BSD

Quant Time: Apr 16 02:16:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 15 17:03:47 2024  
 Response via : Initial Calibration

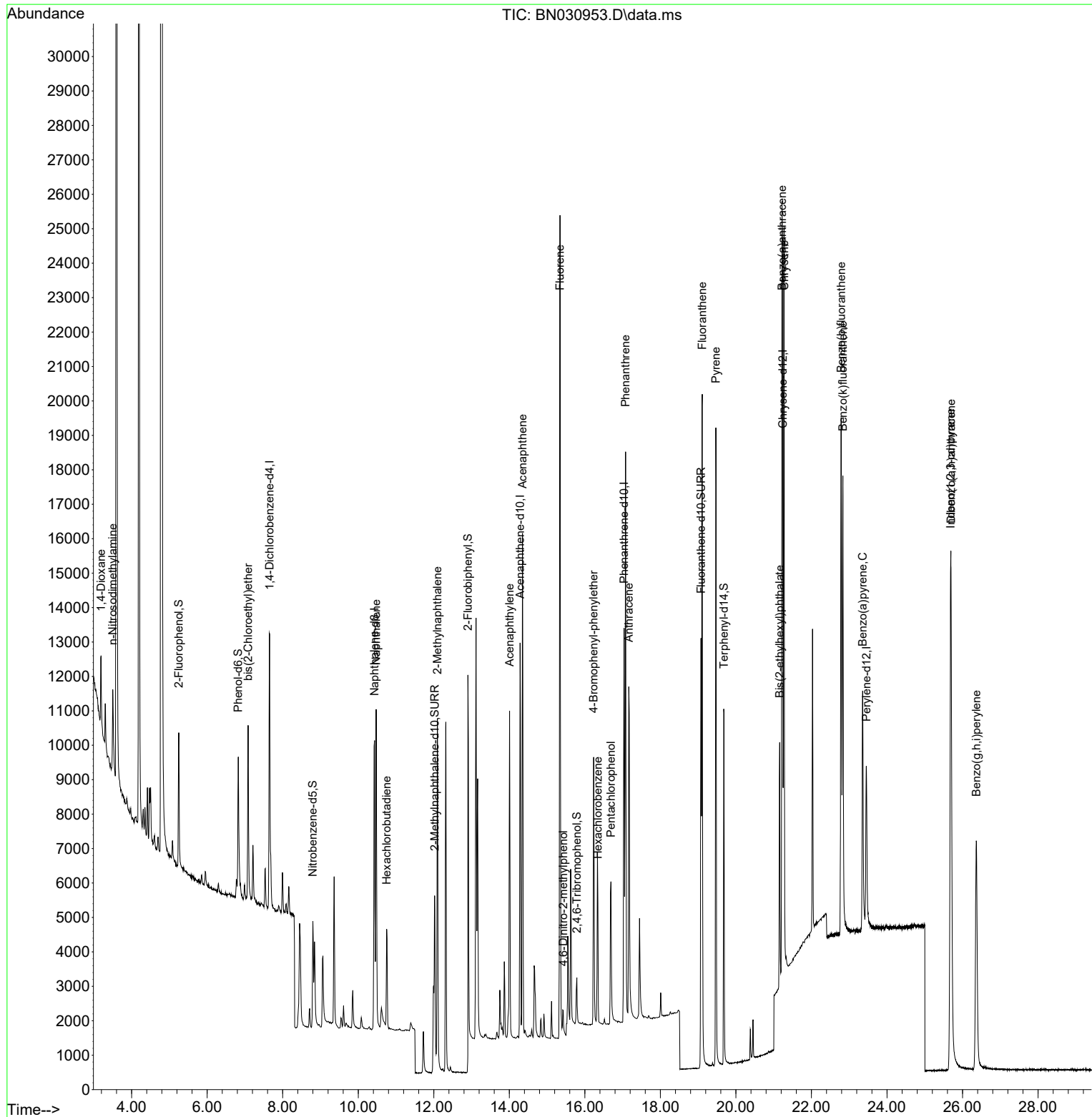
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.653  | 152  | 4292     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 12579    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.284 | 164  | 6641     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.040 | 188  | 15953    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.240 | 240  | 12746    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.454 | 264  | 6807     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.248  | 112  | 3509     | 0.367 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.823  | 99   | 4254     | 0.367 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.798  | 82   | 2840     | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.024 | 152  | 8008     | 0.414 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.787 | 330  | 770      | 0.299 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.905 | 172  | 7798     | 0.349 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.075 | 212  | 13980    | 0.325 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.683 | 244  | 10545    | 0.356 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.190  | 88   | 1372     | 0.260 | ng    | # 46     |
| 3) n-Nitrosodimethylamine     | 3.500  | 42   | 1669     | 0.338 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.083  | 93   | 3965     | 0.346 | ng    | 99       |
| 9) Naphthalene                | 10.474 | 128  | 11960    | 0.345 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.752 | 225  | 2378     | 0.341 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.096 | 142  | 7711     | 0.334 | ng    | 97       |
| 16) Acenaphthylene            | 14.006 | 152  | 10234    | 0.350 | ng    | 100      |
| 17) Acenaphthene              | 14.348 | 154  | 7042     | 0.341 | ng    | 99       |
| 18) Fluorene                  | 15.343 | 166  | 9685     | 0.354 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.428 | 198  | 607      | 0.354 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.233 | 248  | 3106     | 0.328 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.345 | 284  | 3719     | 0.336 | ng    | 100      |
| 24) Pentachlorophenol         | 16.693 | 266  | 2443     | 0.678 | ng    | 98       |
| 25) Phenanthrene              | 17.078 | 178  | 16693    | 0.355 | ng    | 100      |
| 26) Anthracene                | 17.164 | 178  | 12636    | 0.324 | ng    | 100      |
| 28) Fluoranthene              | 19.107 | 202  | 18246    | 0.323 | ng    | 99       |
| 30) Pyrene                    | 19.470 | 202  | 17058    | 0.345 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.222 | 228  | 16623    | 0.374 | ng    | 98       |
| 33) Chrysene                  | 21.276 | 228  | 19514    | 0.404 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.160 | 149  | 6717     | 0.330 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.685 | 276  | 17439    | 0.551 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.788 | 252  | 18512    | 0.659 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.831 | 252  | 17803    | 0.647 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.358 | 252  | 10863    | 0.465 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.697 | 278  | 15880    | 0.626 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.366 | 276  | 14381    | 0.515 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

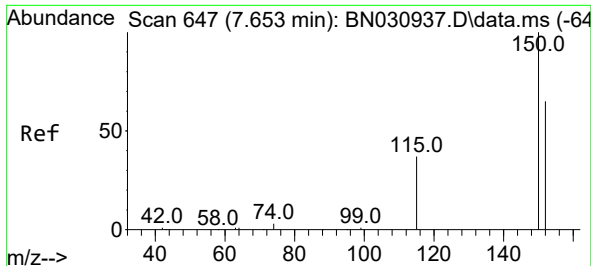
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041524\  
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Sample : PB160153BSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 15 17:03:47 2024  
Response via : Initial Calibration

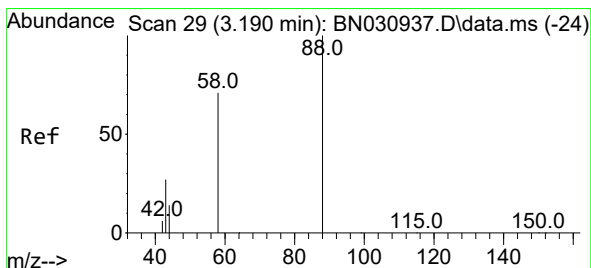
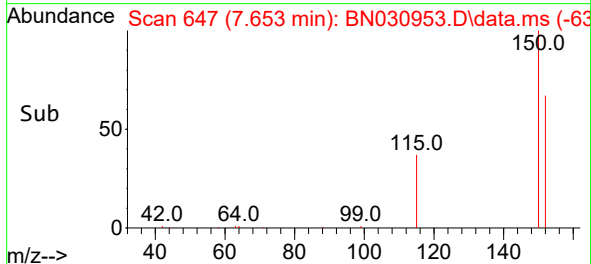
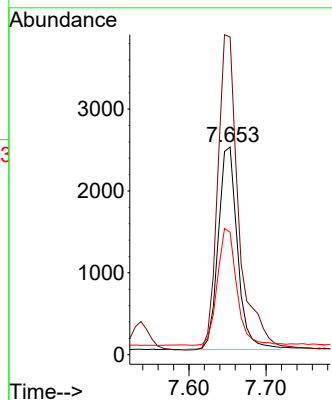
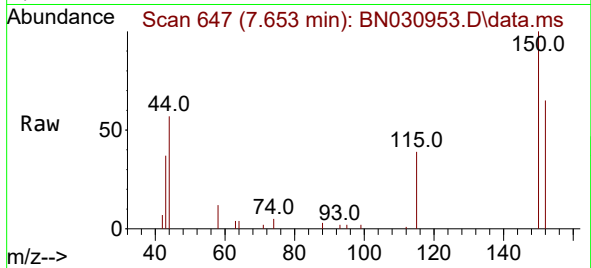




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.653 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN030953.D  
 Acq: 16 Apr 2024 01:47

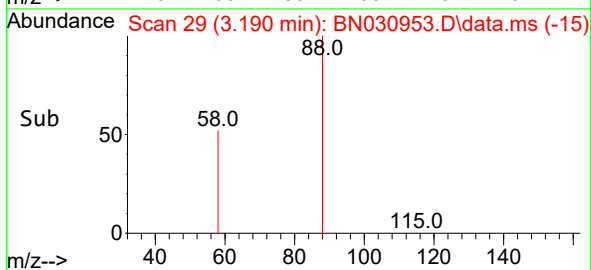
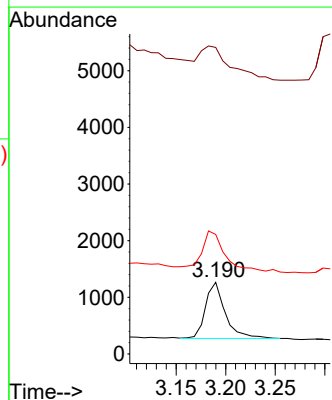
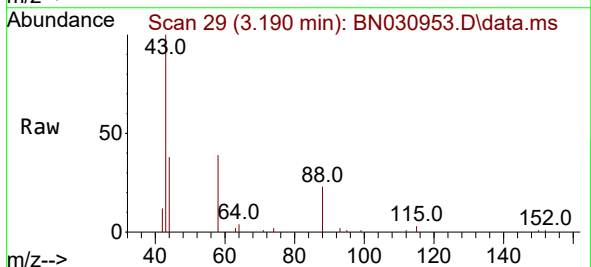
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160153BSD

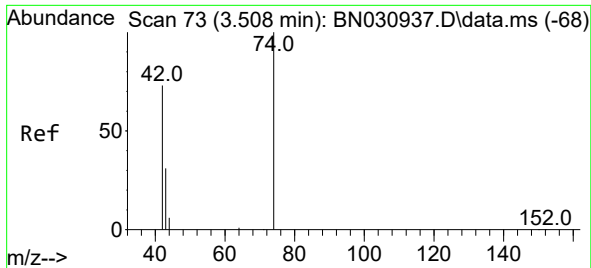
Tgt Ion:152 Resp: 4292  
 Ion Ratio Lower Upper  
 152 100  
 150 152.9 121.7 182.5  
 115 59.0 47.8 71.8



#2  
 1,4-Dioxane  
 Concen: 0.260 ng  
 RT: 3.190 min Scan# 29  
 Delta R.T. -0.000 min  
 Lab File: BN030953.D  
 Acq: 16 Apr 2024 01:47

Tgt Ion: 88 Resp: 1372  
 Ion Ratio Lower Upper  
 88 100  
 43 91.3 23.7 35.5#  
 58 92.9 55.7 83.5#

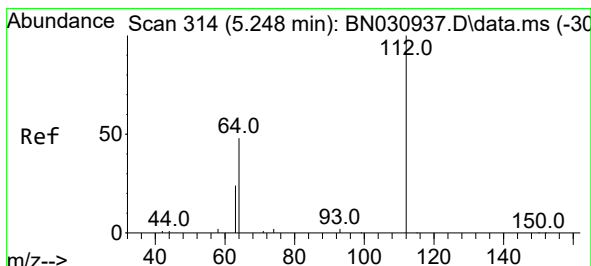
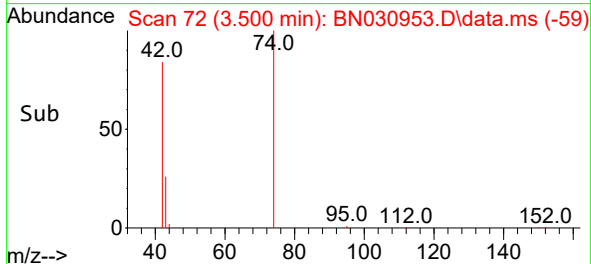
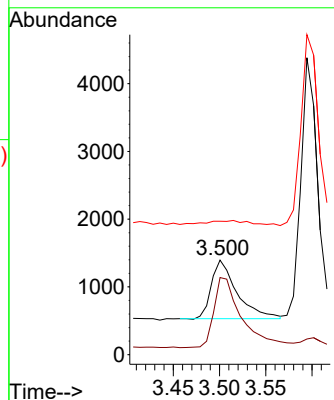
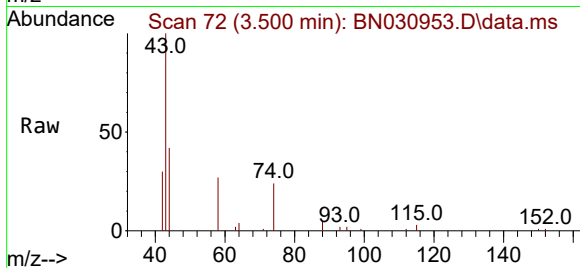




#3  
n-Nitrosodimethylamine  
Concen: 0.338 ng  
RT: 3.500 min Scan# 73  
Delta R.T. -0.007 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

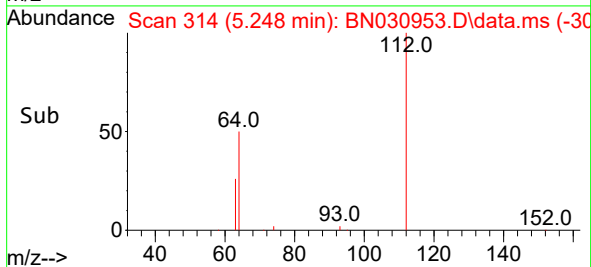
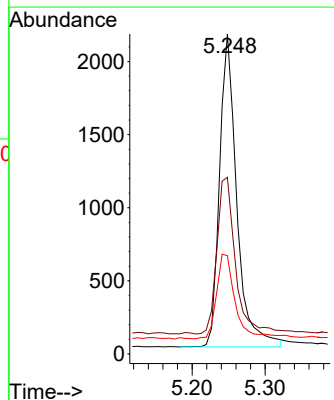
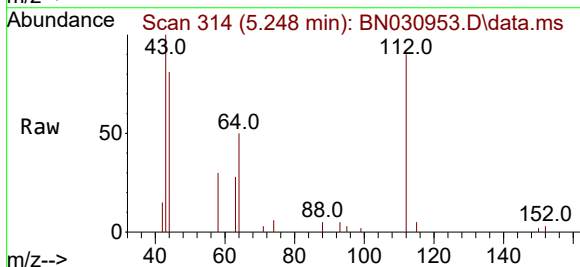
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

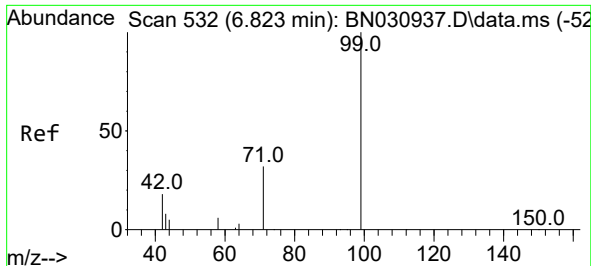
Tgt Ion: 42 Resp: 1669  
Ion Ratio Lower Upper  
42 100  
74 131.0 103.1 154.7  
44 9.8 7.0 10.6



#4  
2-Fluorophenol  
Concen: 0.367 ng  
RT: 5.248 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion: 112 Resp: 3509  
Ion Ratio Lower Upper  
112 100  
64 53.6 43.4 65.2  
63 29.3 22.2 33.2

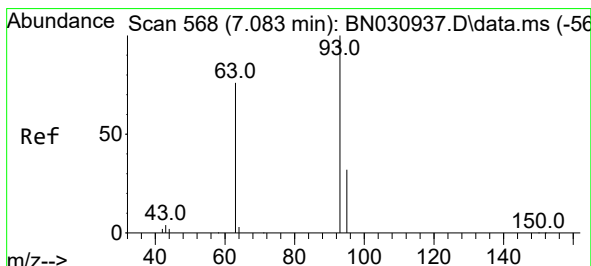
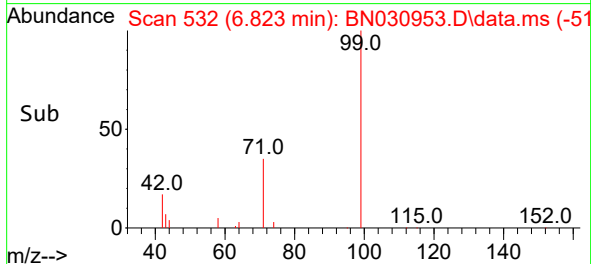
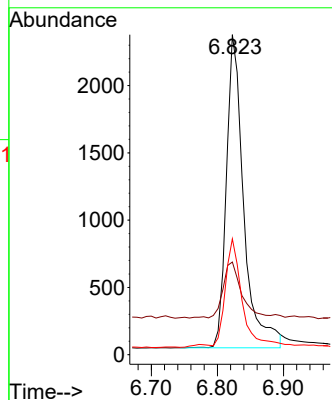
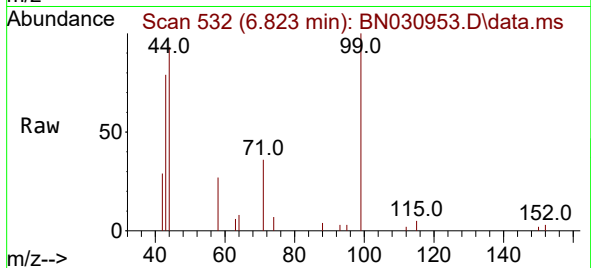




#5  
Phenol-d6  
Concen: 0.367 ng  
RT: 6.823 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

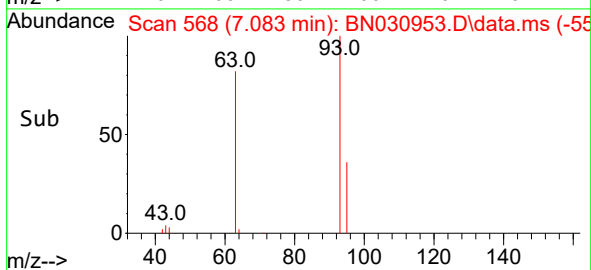
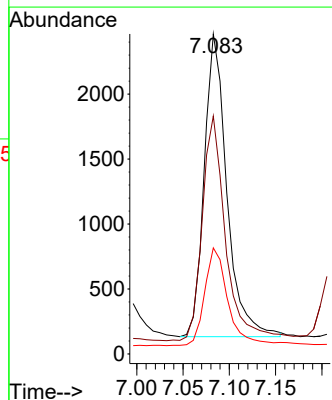
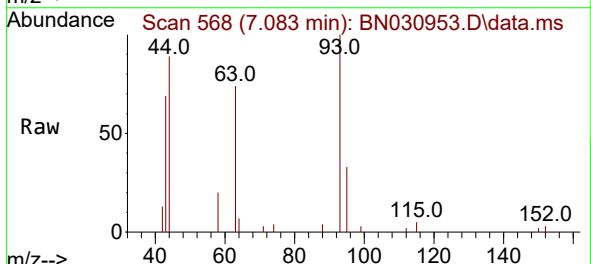
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

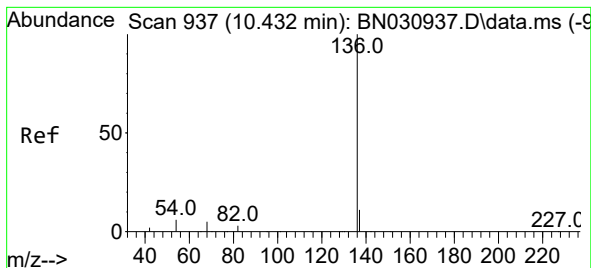
Tgt Ion: 99 Resp: 4254  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.4 24.6  
71 31.7 26.3 39.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.346 ng  
RT: 7.083 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion: 93 Resp: 3965  
Ion Ratio Lower Upper  
93 100  
63 76.6 61.8 92.8  
95 33.0 27.4 41.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.432 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

Tgt Ion:136 Resp: 12579

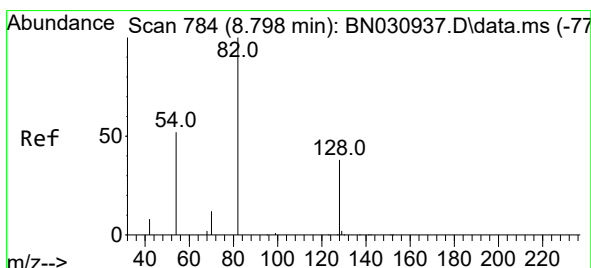
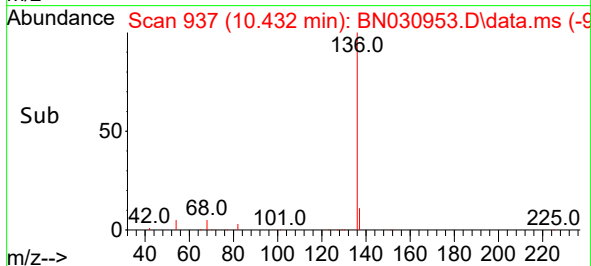
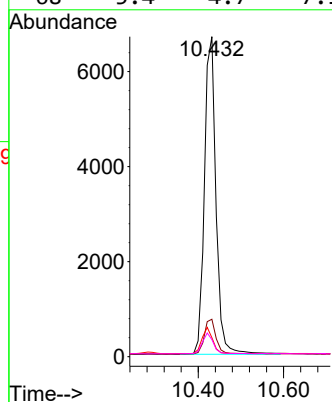
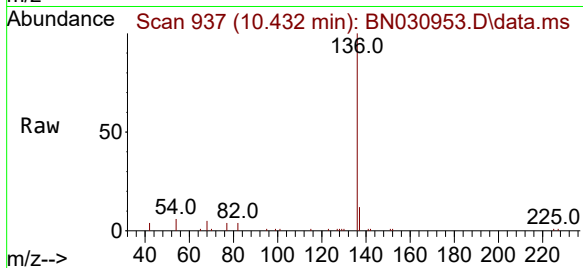
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.9 5.3 7.9

68 5.4 4.7 7.1



#8

Nitrobenzene-d5

Concen: 0.326 ng

RT: 8.798 min Scan# 784

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

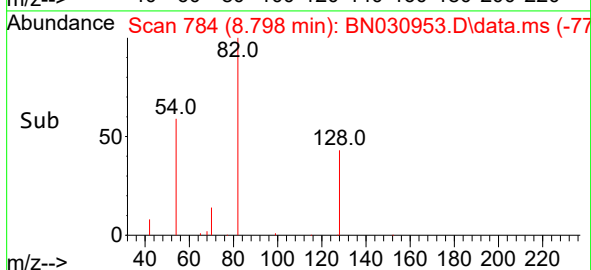
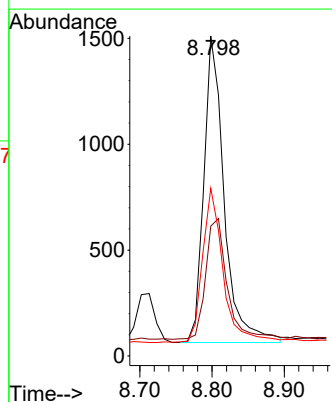
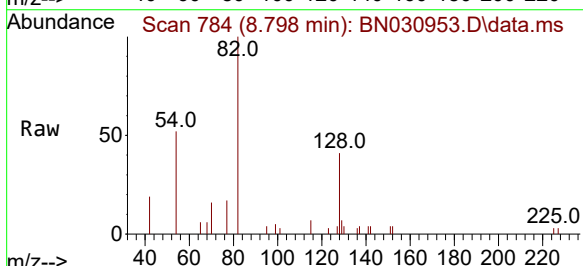
Tgt Ion: 82 Resp: 2840

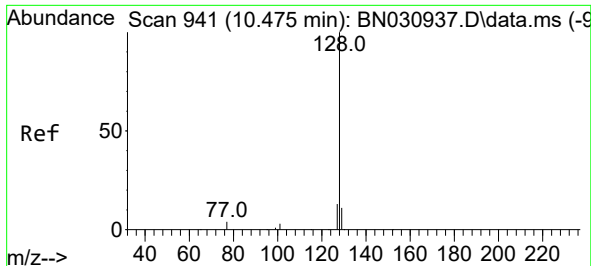
Ion Ratio Lower Upper

82 100

128 40.6 33.7 50.5

54 52.4 43.7 65.5

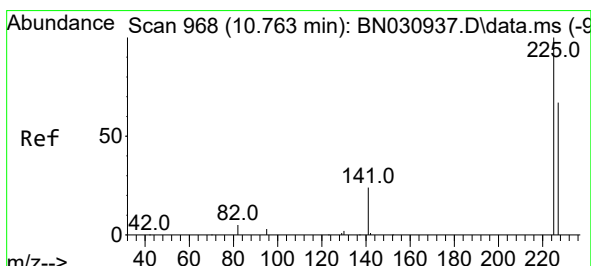
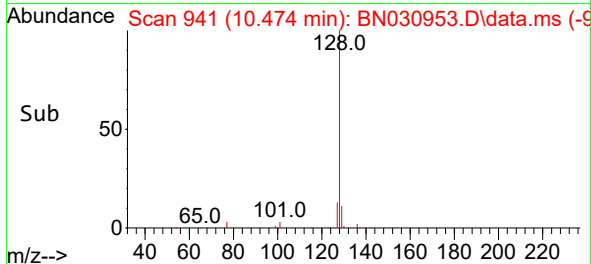
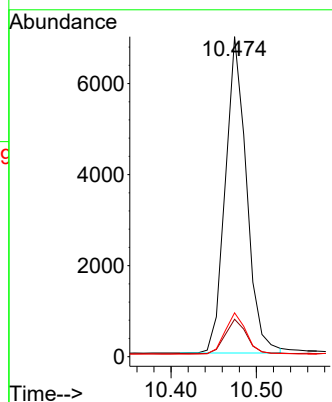
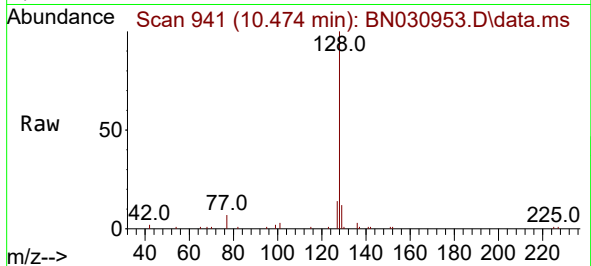




#9  
Naphthalene  
Concen: 0.345 ng  
RT: 10.474 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

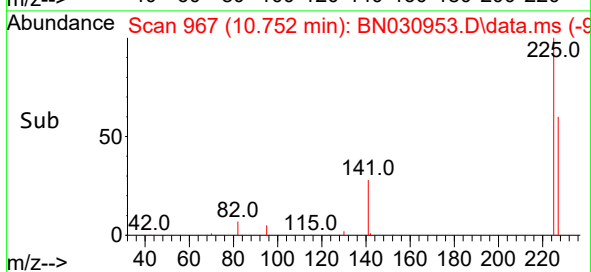
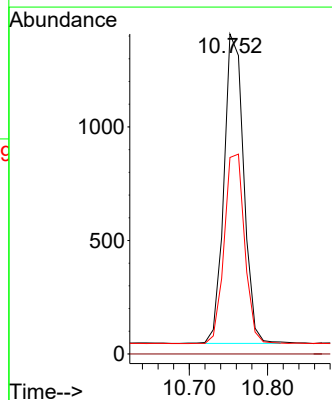
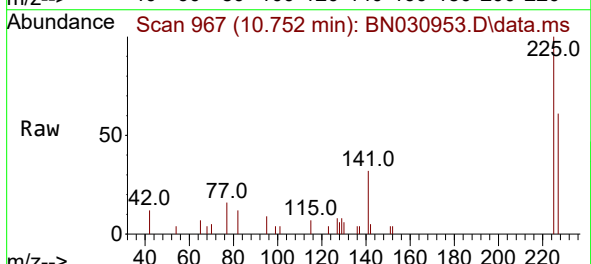
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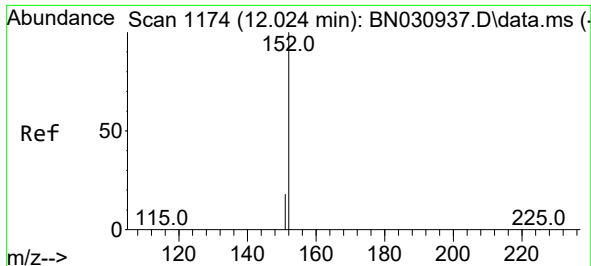
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Ion Ratio Lower Upper  
128 100  
129 11.7 9.4 14.0  
127 13.7 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.341 ng  
RT: 10.752 min Scan# 967  
Delta R.T. -0.011 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:225 Resp: 2378  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 51.3 76.9

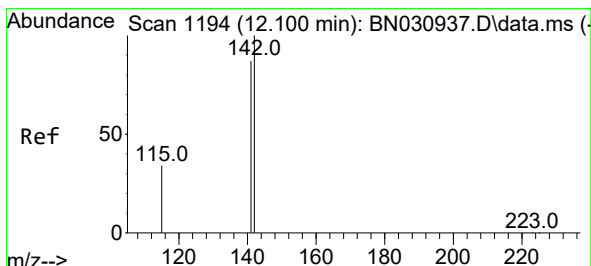
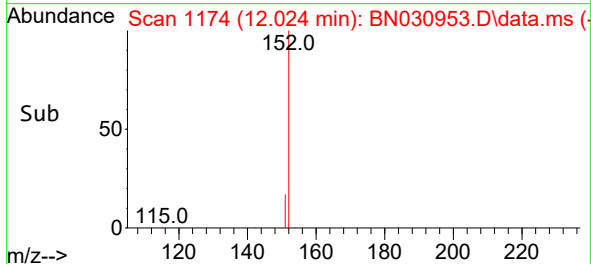
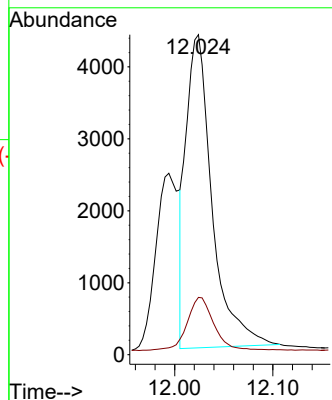
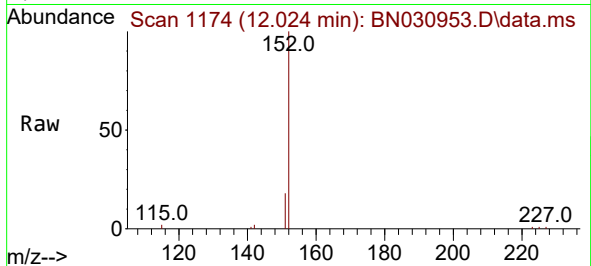




#11  
2-Methylnaphthalene-d10  
Concen: 0.414 ng  
RT: 12.024 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

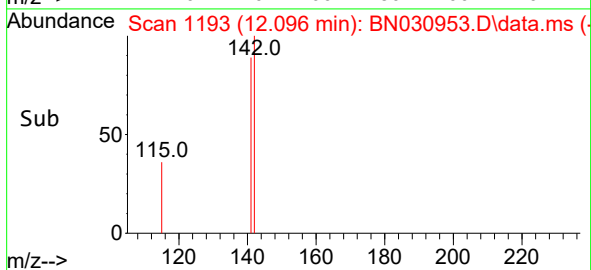
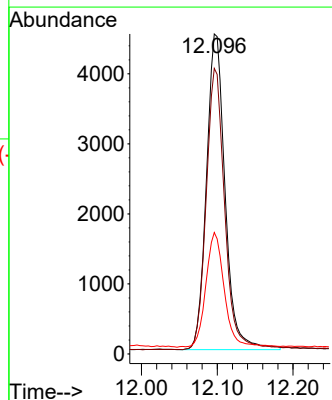
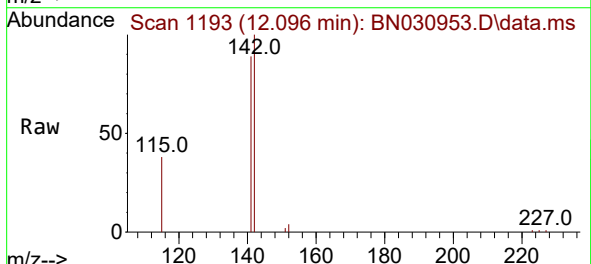
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

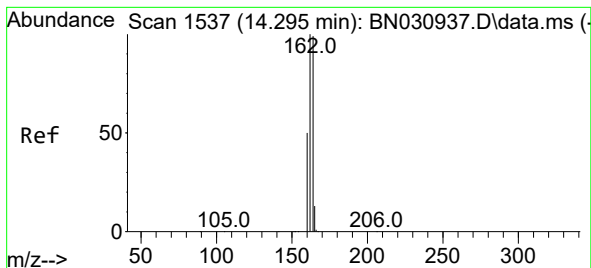
Tgt Ion:152 Resp: 8008  
Ion Ratio Lower Upper  
152 100  
151 17.9 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.334 ng  
RT: 12.096 min Scan# 1193  
Delta R.T. -0.004 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:142 Resp: 7711  
Ion Ratio Lower Upper  
142 100  
141 89.2 69.8 104.8  
115 38.0 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.284 min Scan# 1536

Delta R.T. -0.011 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

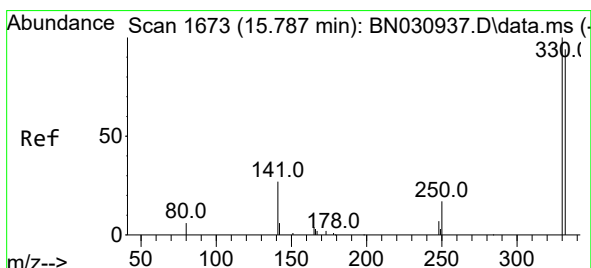
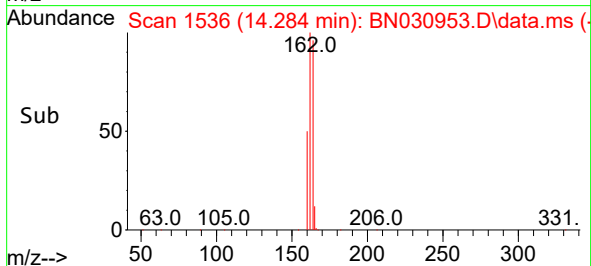
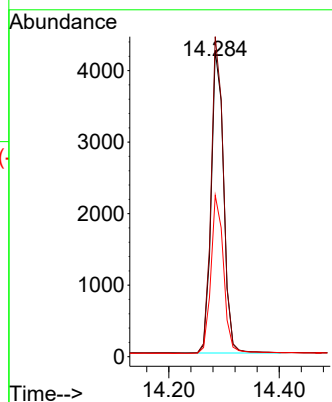
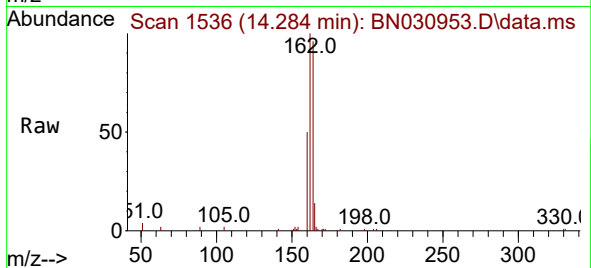
Tgt Ion:164 Resp: 6641

Ion Ratio Lower Upper

164 100

162 104.5 80.6 121.0

160 52.7 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.299 ng

RT: 15.787 min Scan# 1673

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

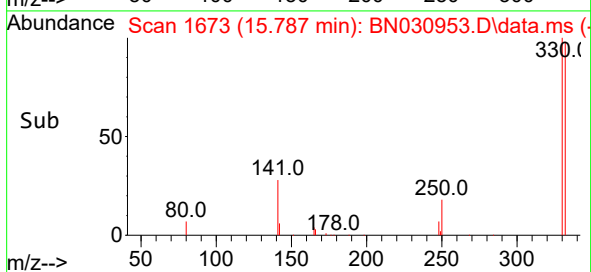
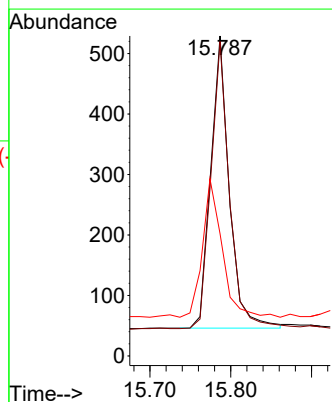
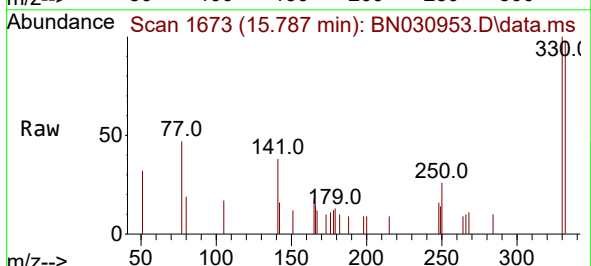
Tgt Ion:330 Resp: 770

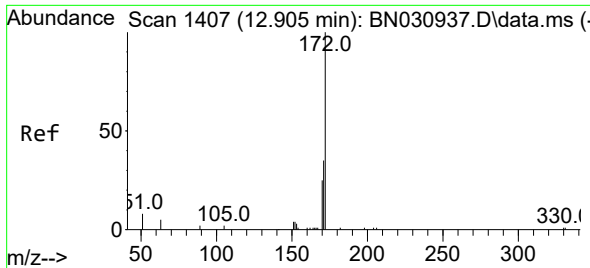
Ion Ratio Lower Upper

330 100

332 98.6 74.2 111.2

141 50.3 37.2 55.8

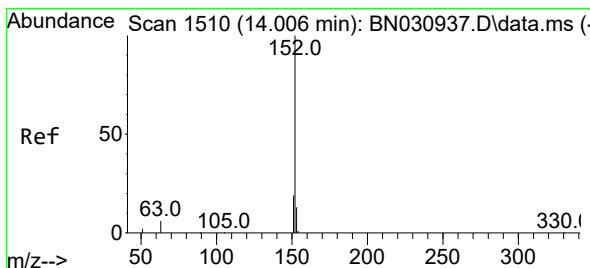
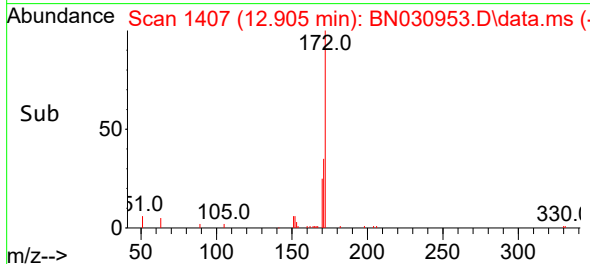
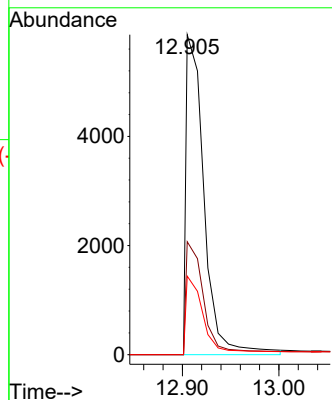
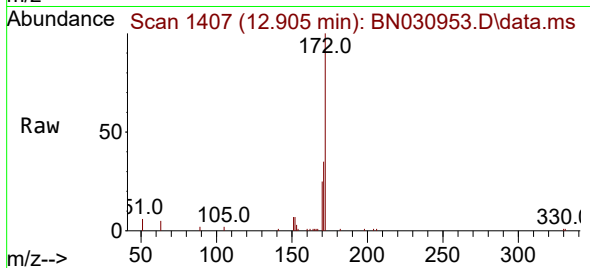




#15  
2-Fluorobiphenyl  
Concen: 0.349 ng  
RT: 12.905 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

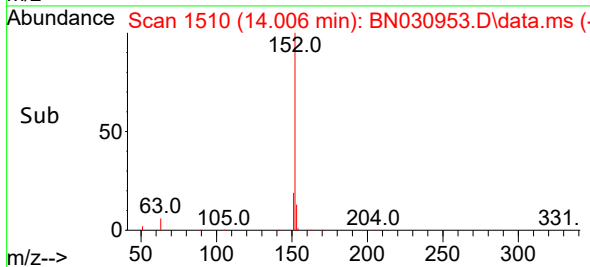
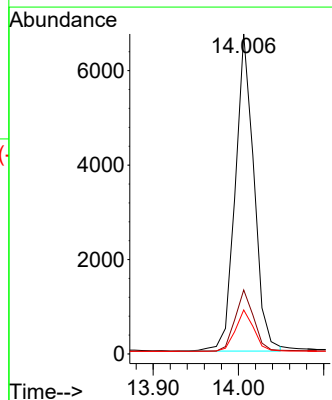
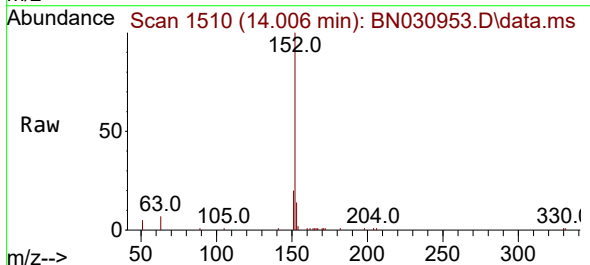
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

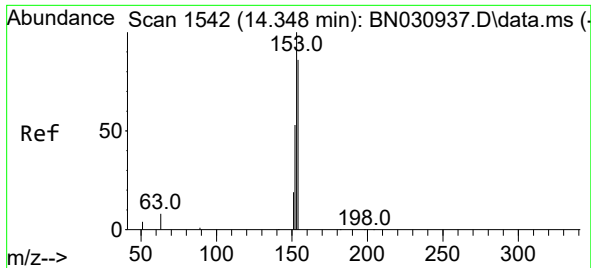
Tgt Ion:172 Resp: 7798  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 24.5 19.8 29.8



#16  
Acenaphthylene  
Concen: 0.350 ng  
RT: 14.006 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:152 Resp: 10234  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.3 22.9  
153 12.9 10.4 15.6

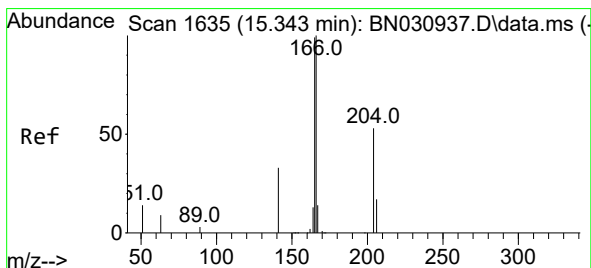
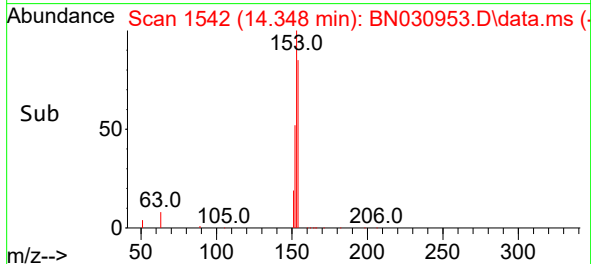
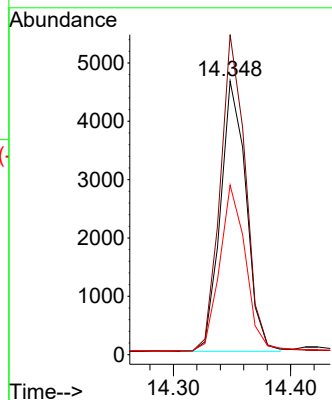
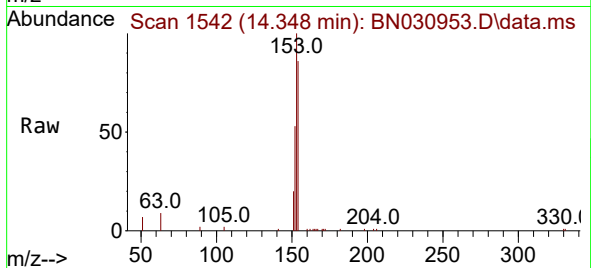




#17  
Acenaphthene  
Concen: 0.341 ng  
RT: 14.348 min Scan# 1542  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

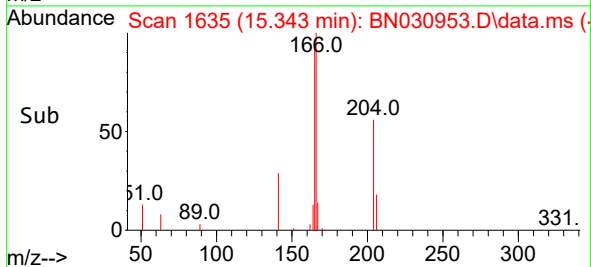
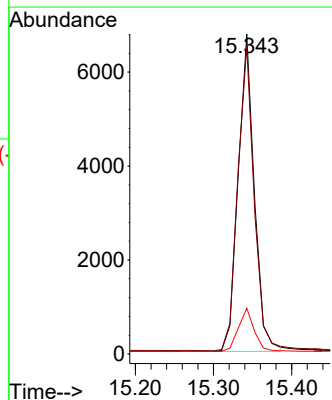
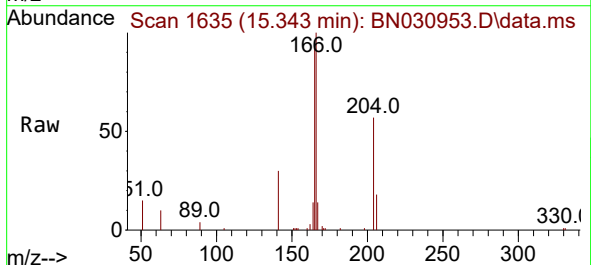
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

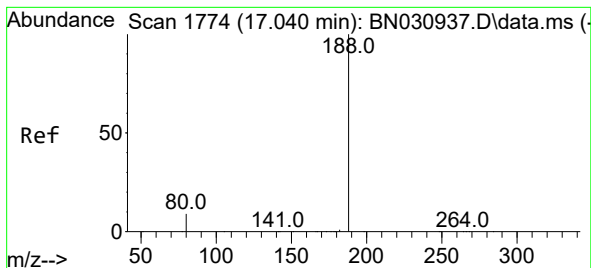
Tgt Ion:154 Resp: 7042  
Ion Ratio Lower Upper  
154 100  
153 114.9 91.1 136.7  
152 61.3 47.6 71.4



#18  
Fluorene  
Concen: 0.354 ng  
RT: 15.343 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:166 Resp: 9685  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.3 117.5  
167 13.4 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.040 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

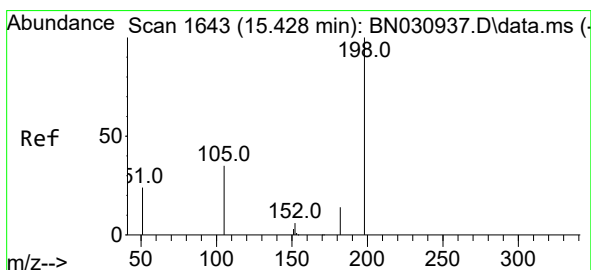
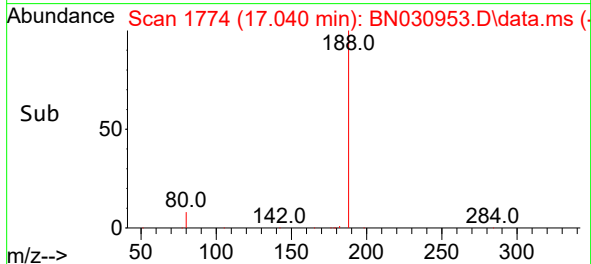
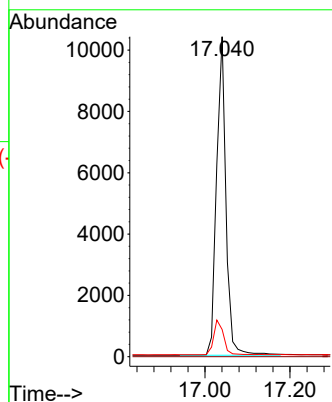
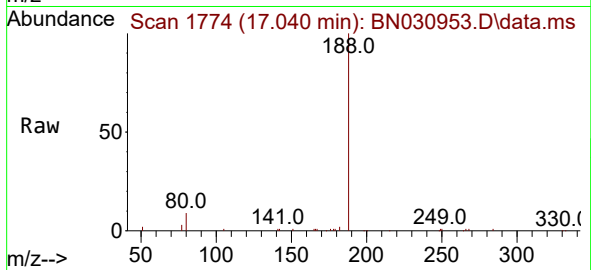
Tgt Ion:188 Resp: 15953

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.354 ng

RT: 15.428 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

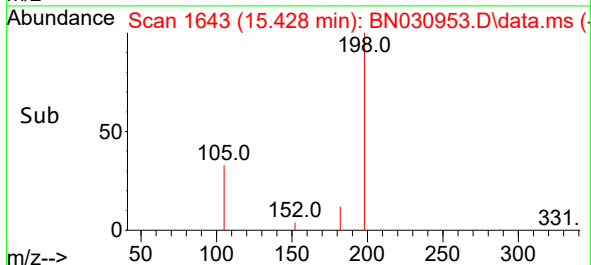
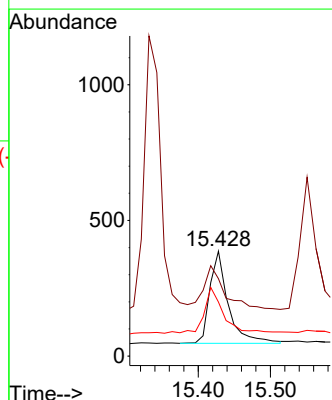
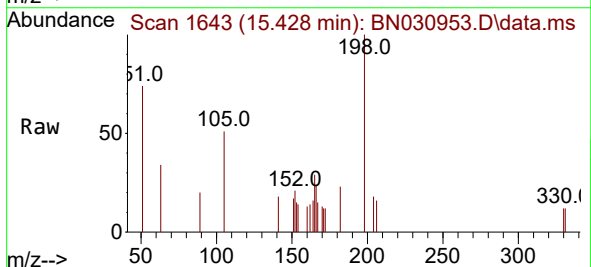
Tgt Ion:198 Resp: 607

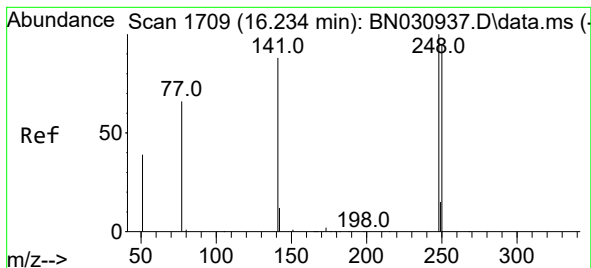
Ion Ratio Lower Upper

198 100

51 73.6 65.2 97.8

105 51.4 41.0 61.4

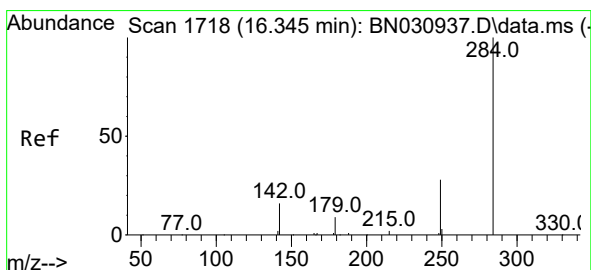
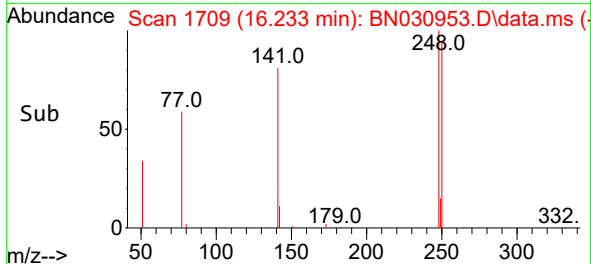
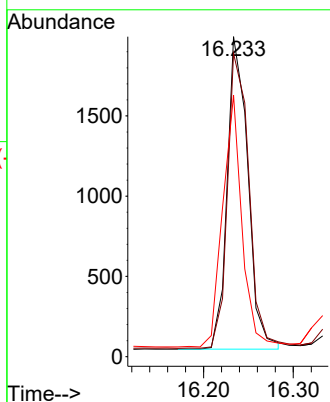
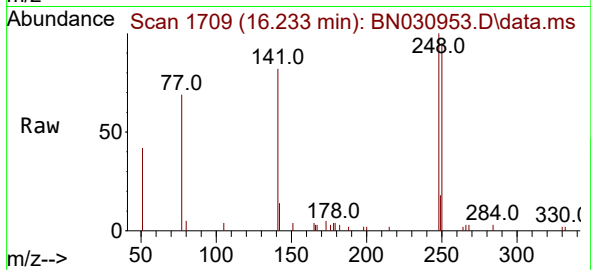




#21  
4-Bromophenyl-phenylether  
Concen: 0.328 ng  
RT: 16.233 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

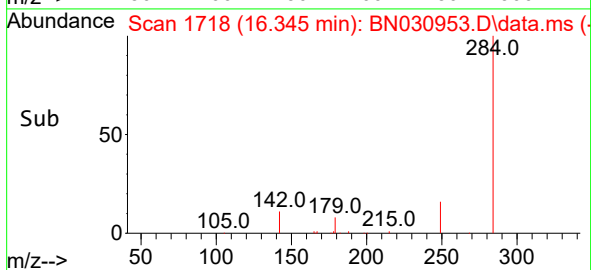
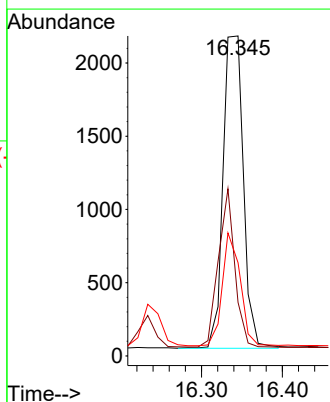
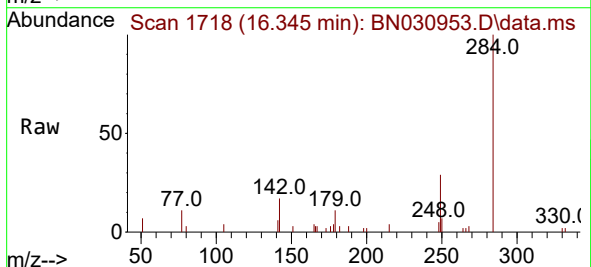
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

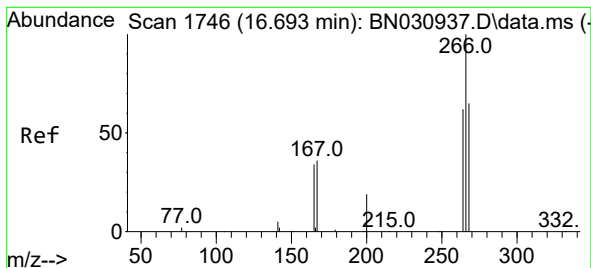
Tgt Ion:248 Resp: 3106  
Ion Ratio Lower Upper  
248 100  
250 94.7 76.1 114.1  
141 81.7 71.1 106.7



#22  
Hexachlorobenzene  
Concen: 0.336 ng  
RT: 16.345 min Scan# 1718  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:284 Resp: 3719  
Ion Ratio Lower Upper  
284 100  
142 41.1 33.0 49.4  
249 31.7 25.5 38.3





#24

Pentachlorophenol

Concen: 0.678 ng

RT: 16.693 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

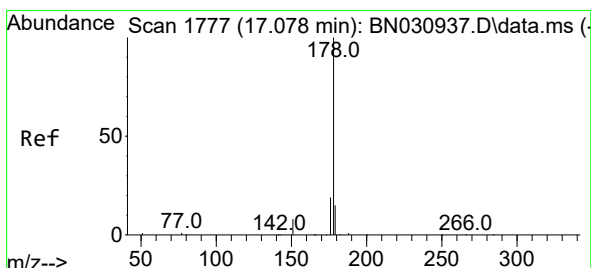
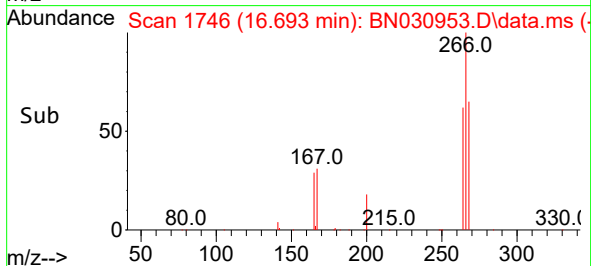
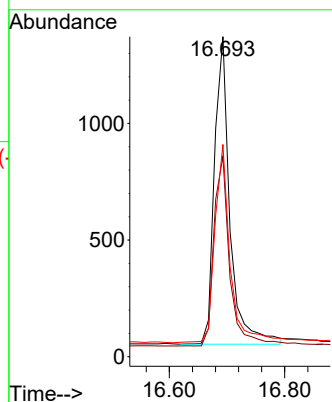
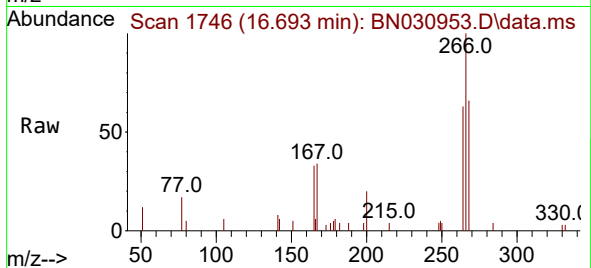
Tgt Ion:266 Resp: 2443

Ion Ratio Lower Upper

266 100

264 63.3 50.2 75.2

268 63.0 52.3 78.5



#25

Phenanthrene

Concen: 0.355 ng

RT: 17.078 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

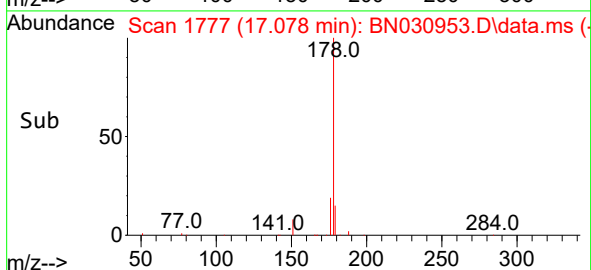
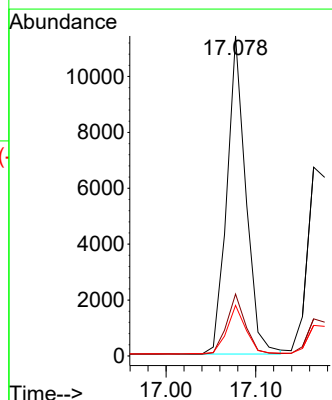
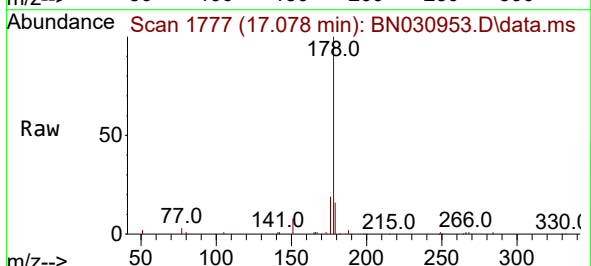
Tgt Ion:178 Resp: 16693

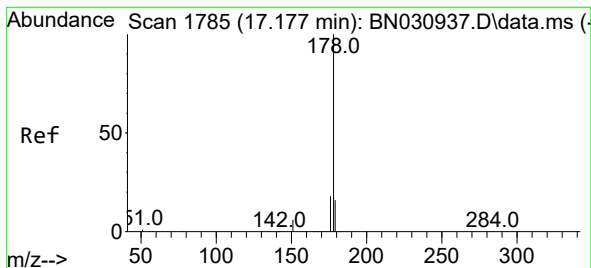
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.3 12.2 18.2





#26

Anthracene

Concen: 0.324 ng

RT: 17.164 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

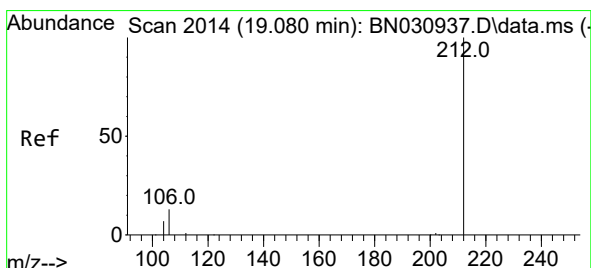
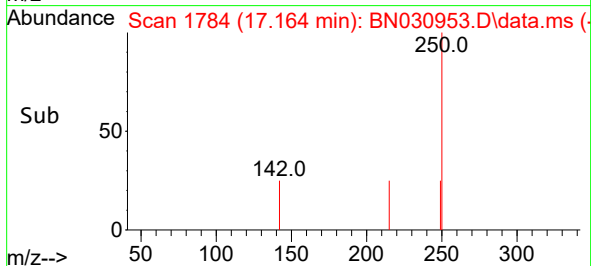
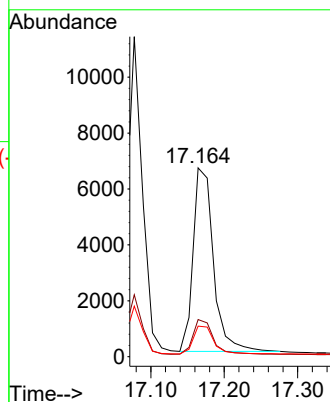
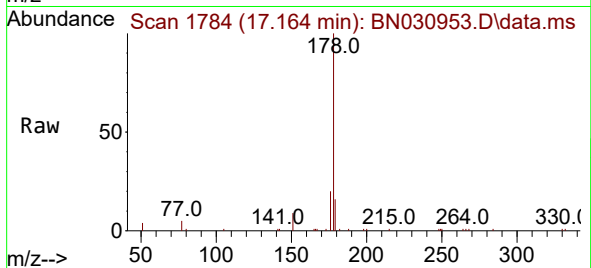
Tgt Ion:178 Resp: 12636

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.3 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.075 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

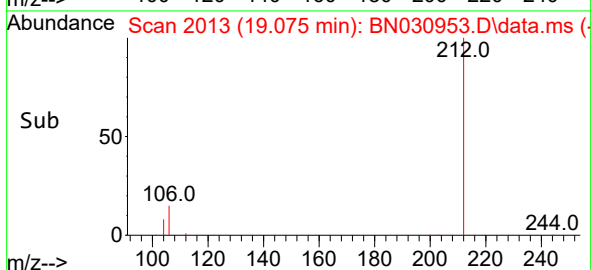
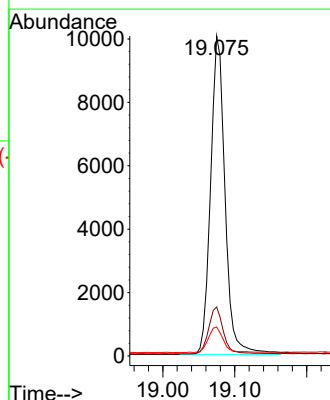
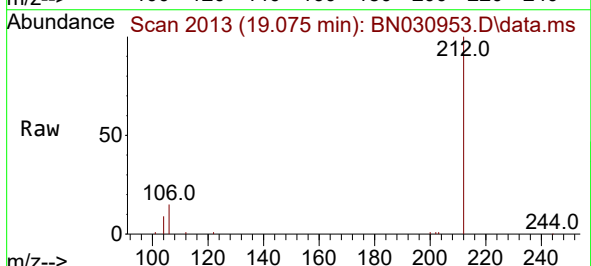
Tgt Ion:212 Resp: 13980

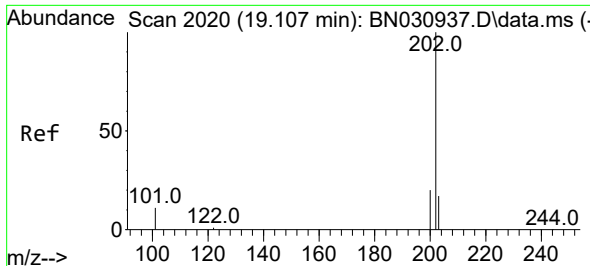
Ion Ratio Lower Upper

212 100

106 14.9 12.0 18.0

104 8.4 6.7 10.1

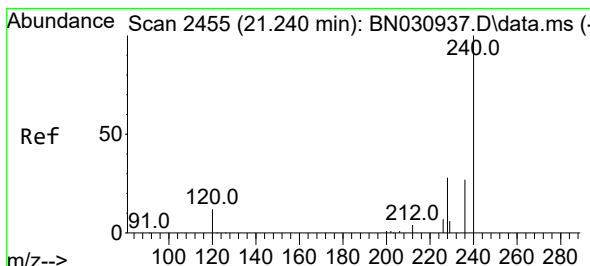
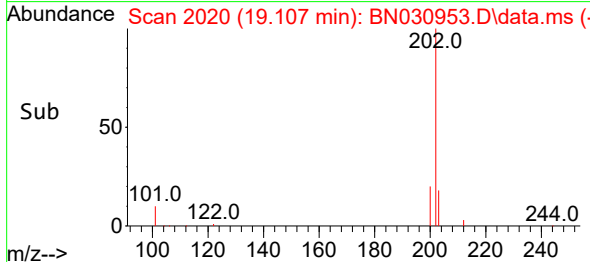
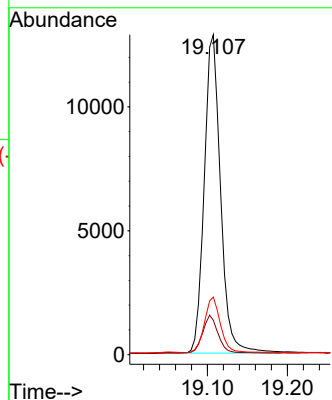
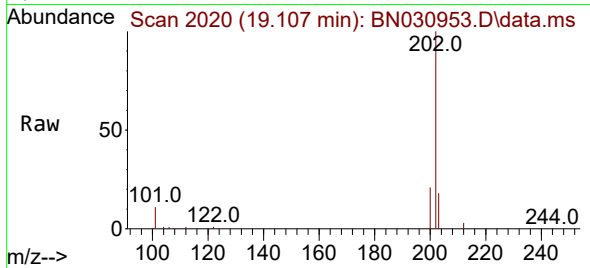




#28  
Fluoranthene  
Concen: 0.323 ng  
RT: 19.107 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

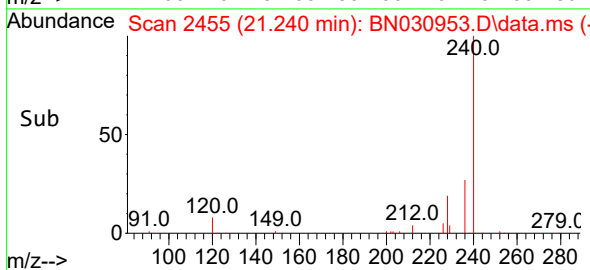
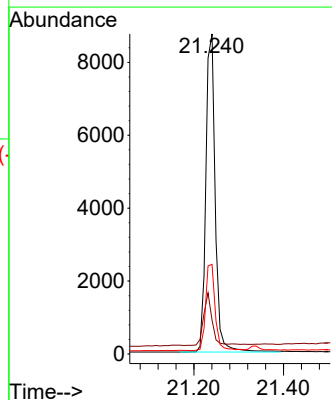
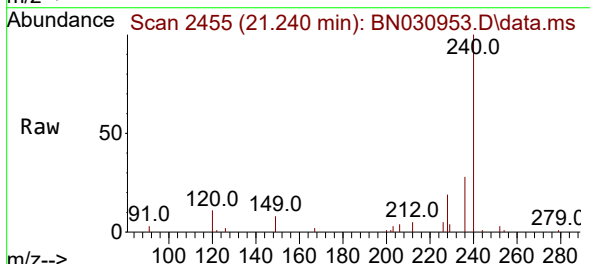
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

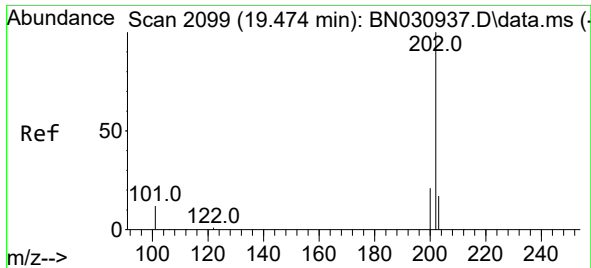
Tgt Ion:202 Resp: 18246  
Ion Ratio Lower Upper  
202 100  
101 11.3 9.4 14.2  
203 17.1 13.8 20.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.240 min Scan# 2455  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:240 Resp: 12746  
Ion Ratio Lower Upper  
240 100  
120 10.6 11.0 16.4#  
236 28.0 22.3 33.5

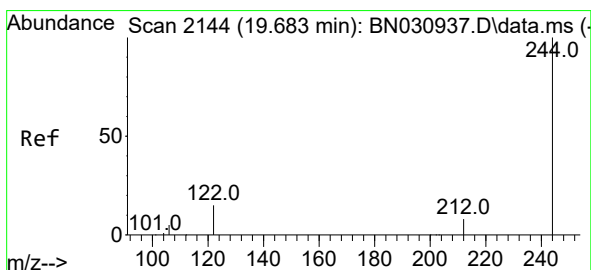
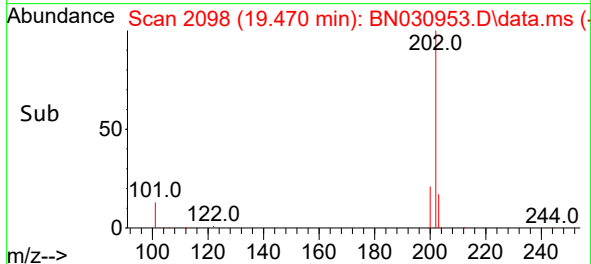
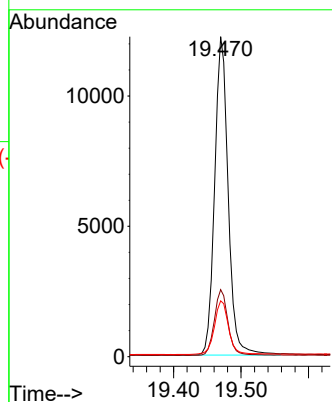
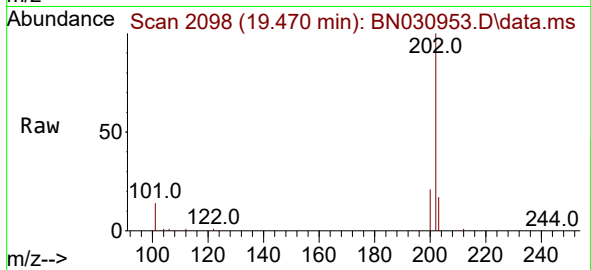




#30  
Pyrene  
Concen: 0.345 ng  
RT: 19.470 min Scan# 2099  
Delta R.T. -0.005 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

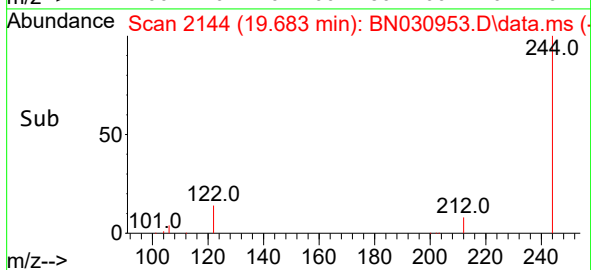
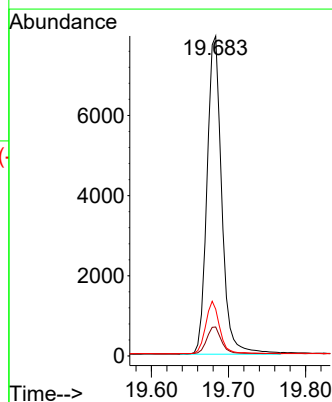
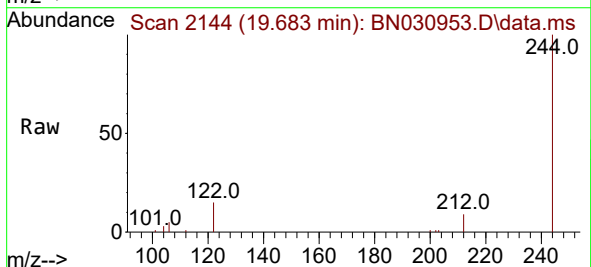
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

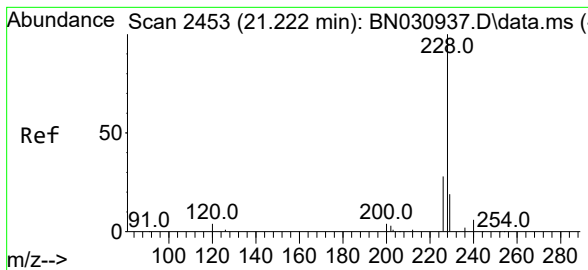
Tgt Ion:202 Resp: 17058  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 25.0  
203 17.7 14.3 21.5



#31  
Terphenyl-d14  
Concen: 0.356 ng  
RT: 19.683 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:244 Resp: 10545  
Ion Ratio Lower Upper  
244 100  
212 9.0 7.2 10.8  
122 14.6 12.7 19.1

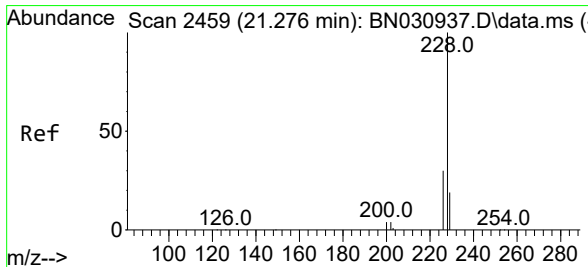
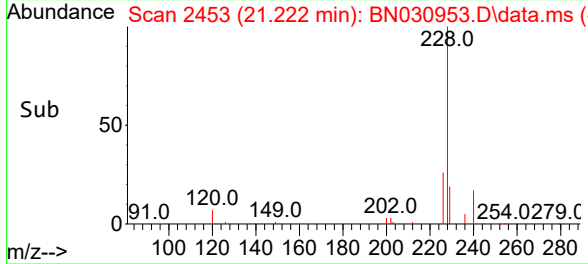
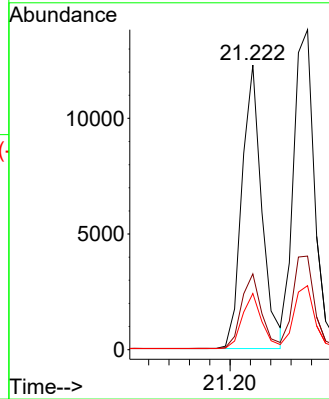
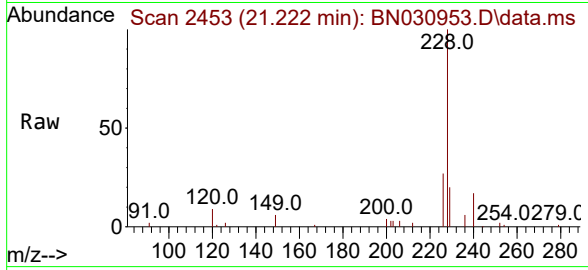




#32  
Benzo(a)anthracene  
Concen: 0.374 ng  
RT: 21.222 min Scan# 2453  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

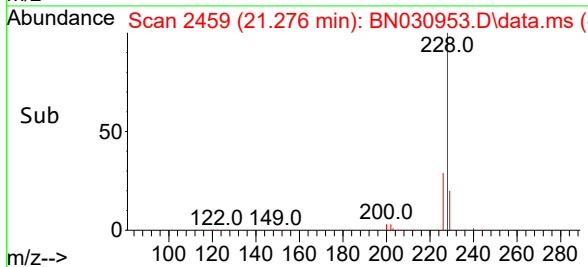
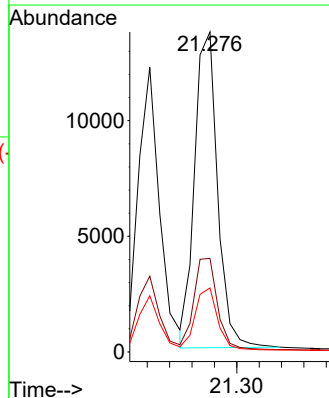
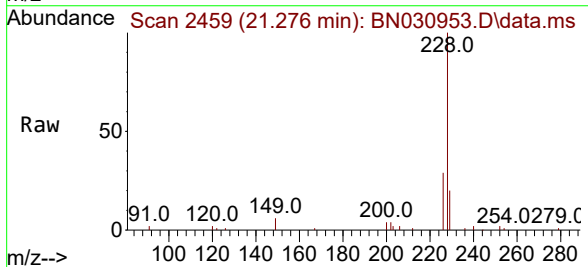
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

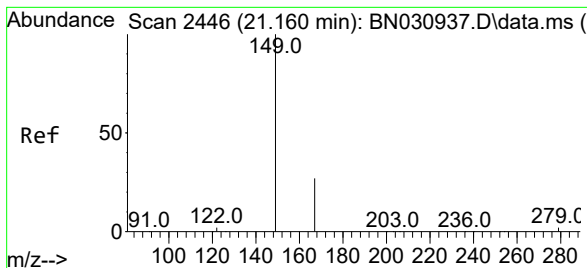
Tgt Ion:228 Resp: 16623  
Ion Ratio Lower Upper  
228 100  
226 26.6 22.4 33.6  
229 19.7 15.7 23.5



#33  
Chrysene  
Concen: 0.404 ng  
RT: 21.276 min Scan# 2459  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:228 Resp: 19514  
Ion Ratio Lower Upper  
228 100  
226 29.2 23.9 35.9  
229 20.0 15.8 23.6

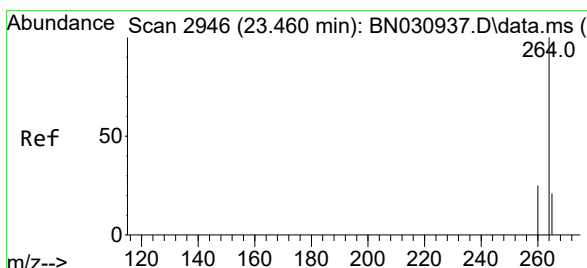
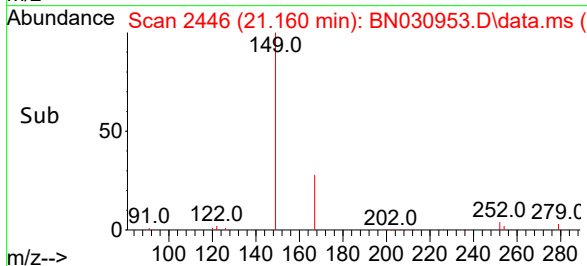
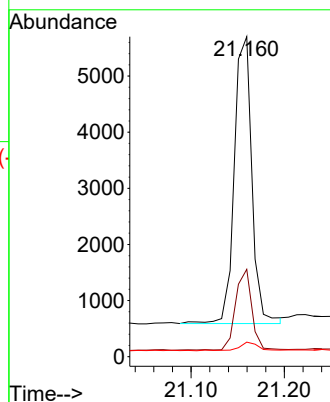
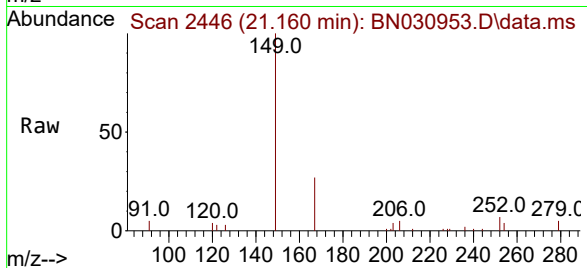




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.330 ng  
RT: 21.160 min Scan# 2446  
Delta R.T. -0.000 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

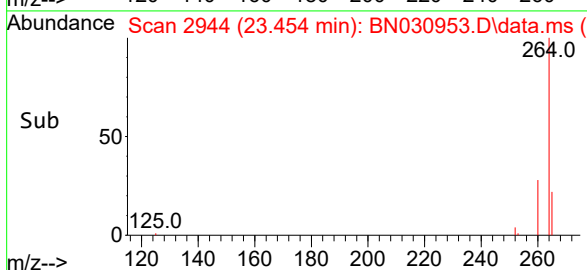
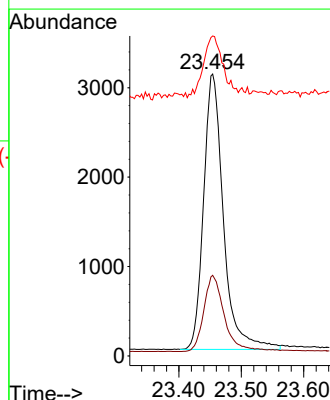
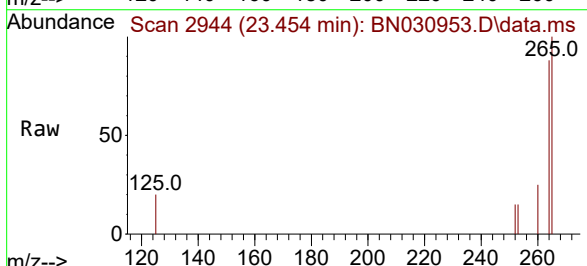
Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

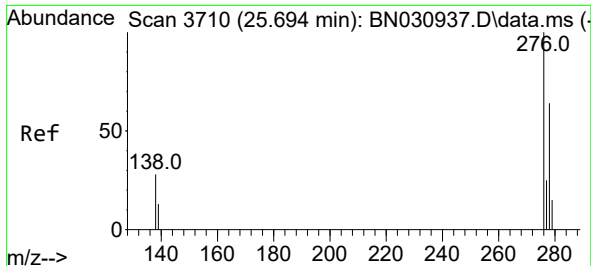
Tgt Ion:149 Resp: 6717  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.0 31.4  
279 3.3 2.9 4.3



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.454 min Scan# 2944  
Delta R.T. -0.006 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

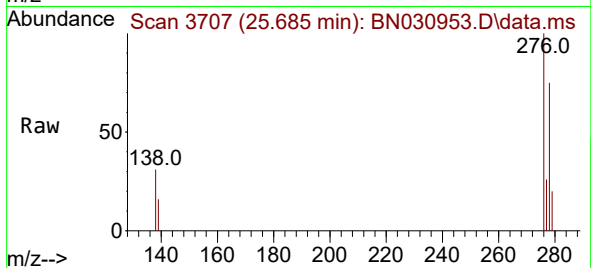
Tgt Ion:264 Resp: 6807  
Ion Ratio Lower Upper  
264 100  
260 28.6 20.6 31.0  
265 113.5 53.3 79.9#



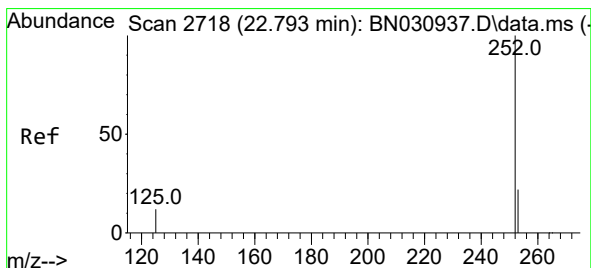
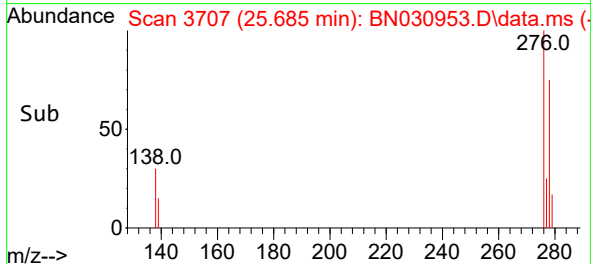
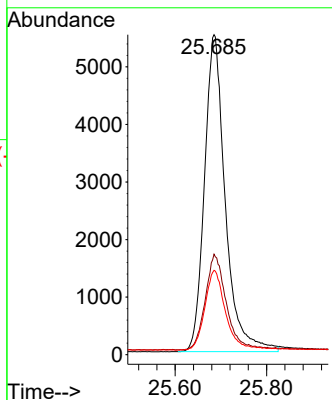


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.551 ng  
RT: 25.685 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

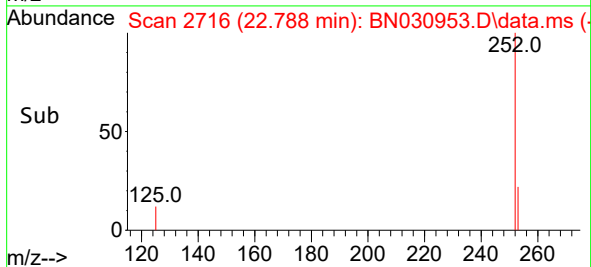
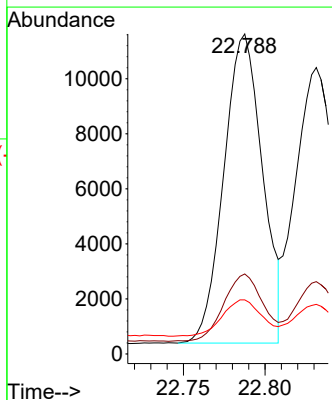
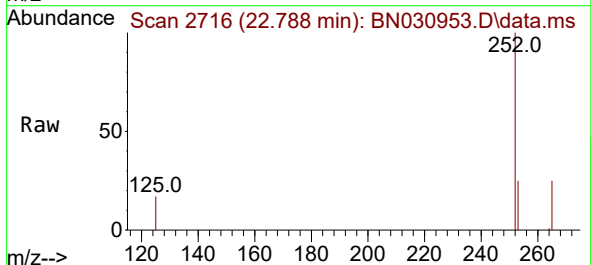


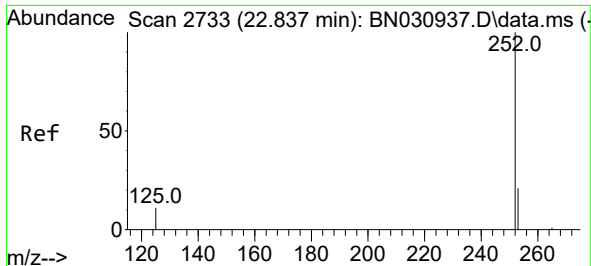
Tgt Ion:276 Resp: 17439  
Ion Ratio Lower Upper  
276 100  
138 30.0 23.1 34.7  
277 25.1 19.9 29.9



#37  
Benzo(b)fluoranthene  
Concen: 0.659 ng  
RT: 22.788 min Scan# 2716  
Delta R.T. -0.006 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

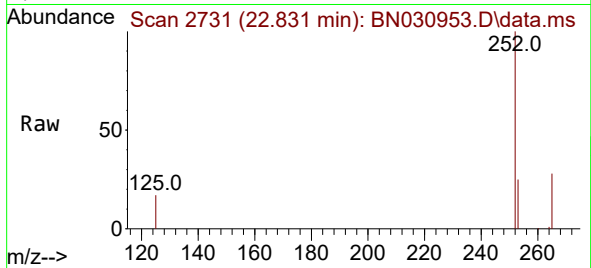
Tgt Ion:252 Resp: 18512  
Ion Ratio Lower Upper  
252 100  
253 25.0 20.2 30.2  
125 16.9 13.4 20.2



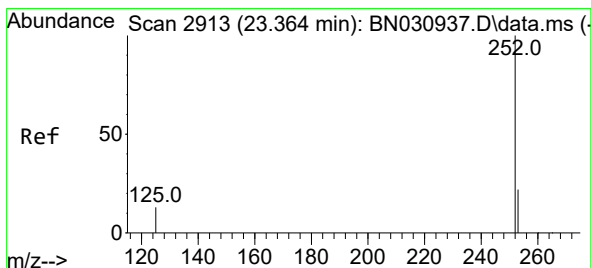
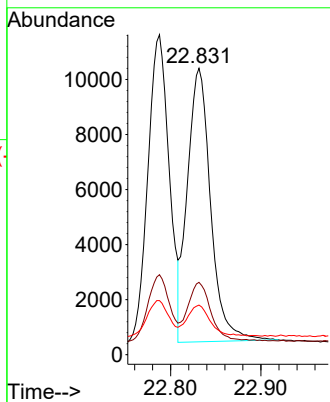
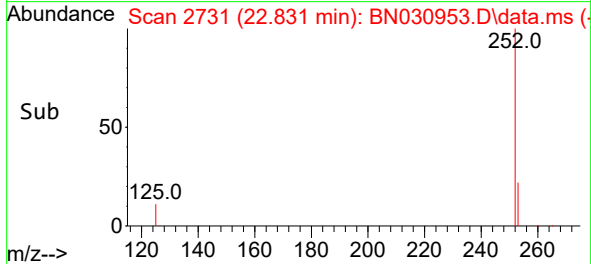


#38  
Benzo(k)fluoranthene  
Concen: 0.647 ng  
RT: 22.831 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Instrument :  
BNA\_N  
ClientSampleId :  
PB160153BSD

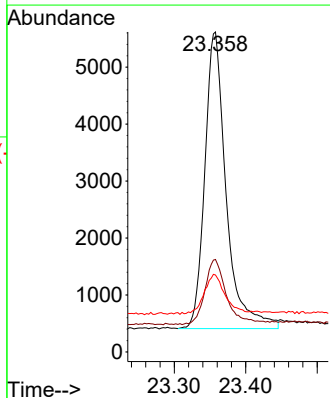
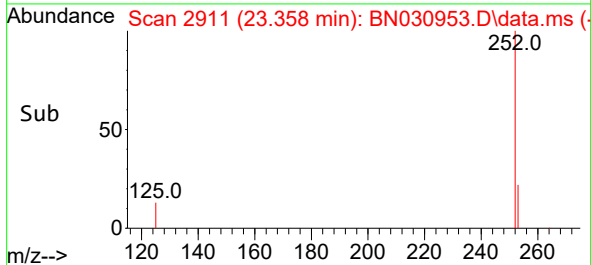
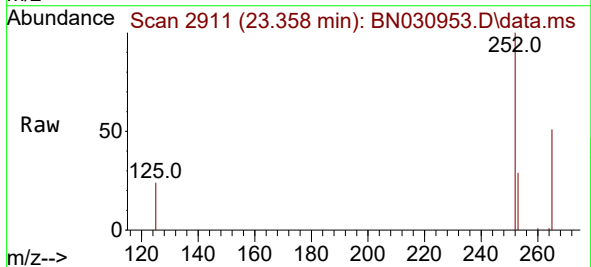


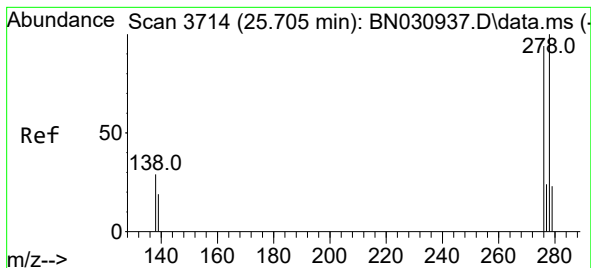
Tgt Ion:252 Resp: 17803  
Ion Ratio Lower Upper  
252 100  
253 25.3 19.9 29.9  
125 17.3 13.2 19.8



#39  
Benzo(a)pyrene  
Concen: 0.465 ng  
RT: 23.358 min Scan# 2911  
Delta R.T. -0.006 min  
Lab File: BN030953.D  
Acq: 16 Apr 2024 01:47

Tgt Ion:252 Resp: 10863  
Ion Ratio Lower Upper  
252 100  
253 28.9 21.4 32.2  
125 24.1 16.6 25.0





#40

Dibenzo(a,h)anthracene

Concen: 0.626 ng

RT: 25.697 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Instrument :

BNA\_N

ClientSampleId :

PB160153BSD

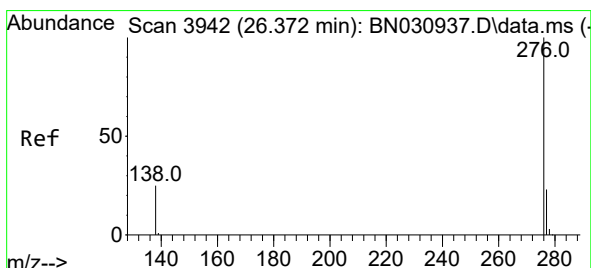
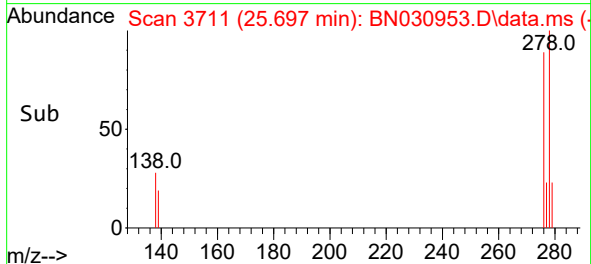
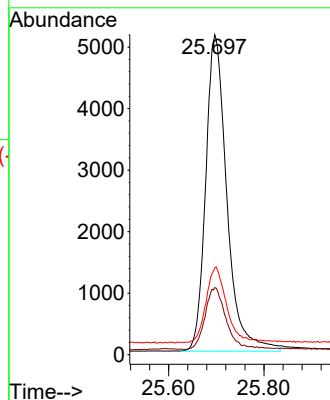
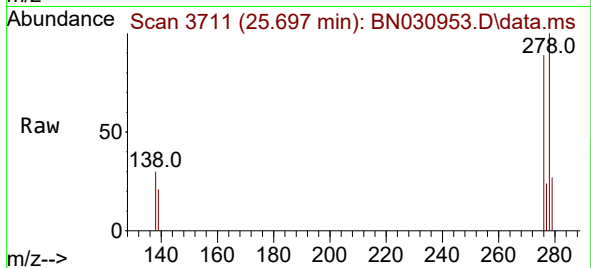
Tgt Ion:278 Resp: 15880

Ion Ratio Lower Upper

278 100

139 21.0 16.3 24.5

279 27.1 20.6 31.0



#41

Benzo(g,h,i)perylene

Concen: 0.515 ng

RT: 26.366 min Scan# 3940

Delta R.T. -0.006 min

Lab File: BN030953.D

Acq: 16 Apr 2024 01:47

Tgt Ion:276 Resp: 14381

Ion Ratio Lower Upper

276 100

277 25.4 19.4 29.2

138 27.5 21.0 31.4

