

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061523\  
 Data File : BN025873.D  
 Acq On : 16 Jun 2023 01:22  
 Operator : MA/JU  
 Sample : 03173-11MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-06B-74-79-061223MSD

Quant Time: Jun 16 02:19:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 01:41:46 2023  
 Response via : Initial Calibration

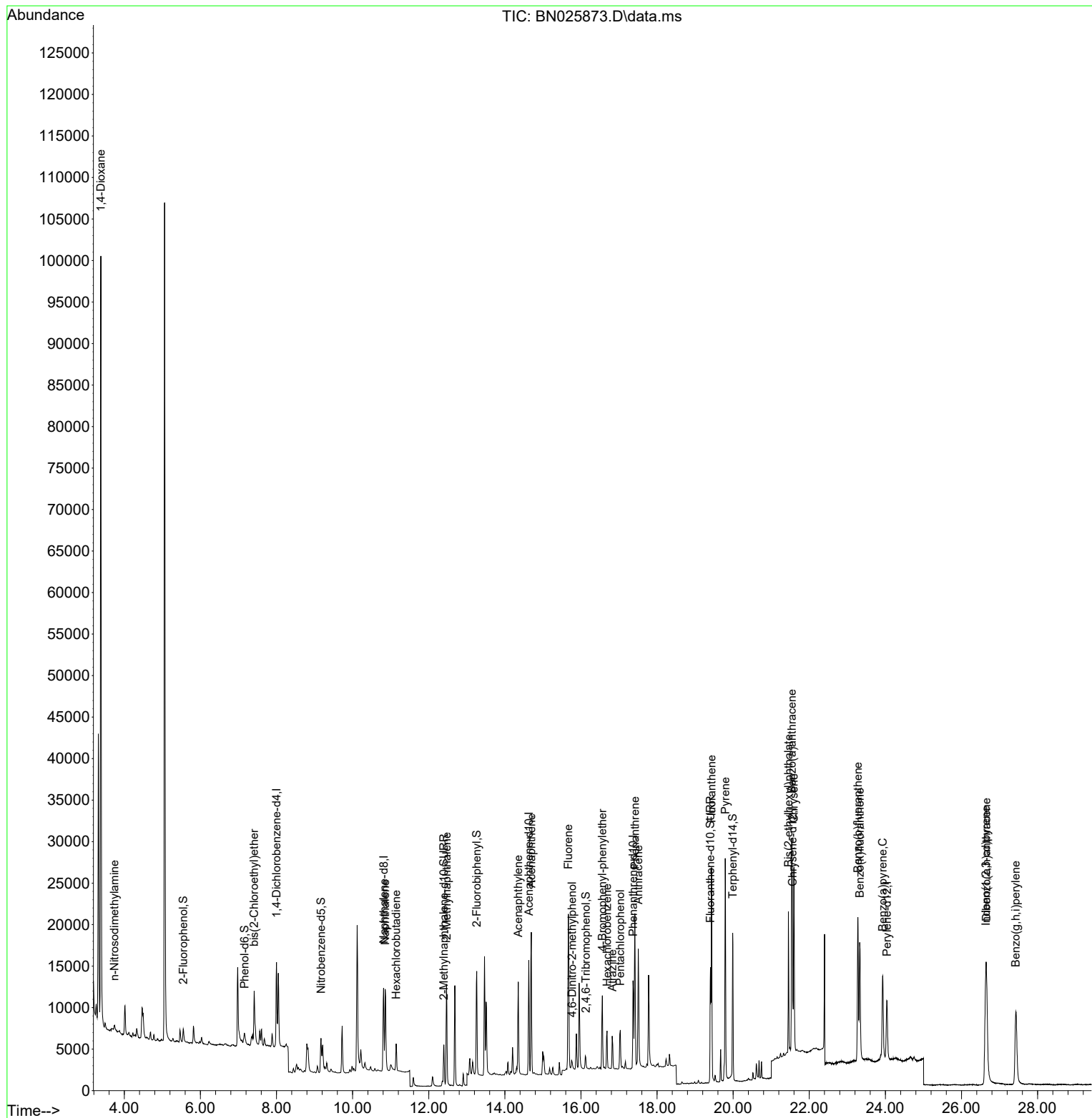
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 5384     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.814 | 136  | 14613    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.630 | 164  | 7682     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.368 | 188  | 15923    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.560 | 240  | 12203    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.040 | 264  | 12140    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.549  | 112  | 1732     | 0.114 | ng    | 0.01     |
| 5) Phenol-d6                  | 7.160  | 99   | 1227     | 0.066 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.170  | 82   | 4195     | 0.309 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.396 | 152  | 7173     | 0.341 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.127 | 330  | 963      | 0.407 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.262 | 172  | 11760    | 0.362 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.402 | 212  | 15348    | 0.469 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.992 | 244  | 11721    | 0.396 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.383  | 88   | 59177    | 9.368 | ng    | # 94     |
| 3) n-Nitrosodimethylamine     | 3.737  | 42   | 648      | 0.080 | ng    | # 65     |
| 6) bis(2-Chloroethyl)ether    | 7.413  | 93   | 5487     | 0.325 | ng    | 99       |
| 9) Naphthalene                | 10.857 | 128  | 14477    | 0.331 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.145 | 225  | 2603     | 0.387 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.468 | 142  | 9233     | 0.332 | ng    | 99       |
| 16) Acenaphthylene            | 14.352 | 152  | 12934    | 0.350 | ng    | 100      |
| 17) Acenaphthene              | 14.694 | 154  | 8758     | 0.361 | ng    | 100      |
| 18) Fluorene                  | 15.668 | 166  | 11774    | 0.377 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.767 | 198  | 1028     | 0.357 | ng    | # 84     |
| 21) 4-Bromophenyl-phenylether | 16.562 | 248  | 3559     | 0.386 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.686 | 284  | 3513     | 0.445 | ng    | 92       |
| 23) Atrazine                  | 16.822 | 200  | 3348     | 0.445 | ng    | 96       |
| 24) Pentachlorophenol         | 17.033 | 266  | 2605     | 0.885 | ng    | 98       |
| 25) Phenanthrene              | 17.418 | 178  | 20901    | 0.427 | ng    | 100      |
| 26) Anthracene                | 17.505 | 178  | 17244    | 0.385 | ng    | 99       |
| 28) Fluoranthene              | 19.430 | 202  | 23173    | 0.480 | ng    | 98       |
| 30) Pyrene                    | 19.793 | 202  | 24155    | 0.349 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.542 | 228  | 20190    | 0.429 | ng    | 99       |
| 33) Chrysene                  | 21.596 | 228  | 20800    | 0.417 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.453 | 149  | 15040    | 0.536 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.639 | 276  | 23842    | 0.454 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.277 | 252  | 23815    | 0.497 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.326 | 252  | 21870    | 0.447 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.929 | 252  | 17641    | 0.389 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.653 | 278  | 18554    | 0.440 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.428 | 276  | 21316    | 0.453 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061523\  
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Sample : 03173-11MSD  
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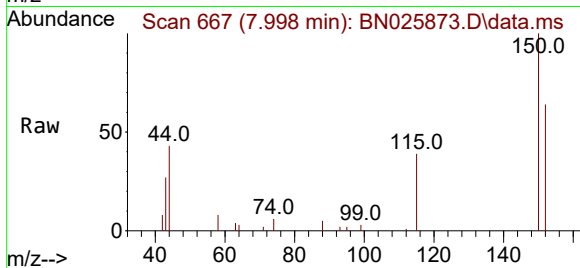
Quant Time: Jun 16 02:19:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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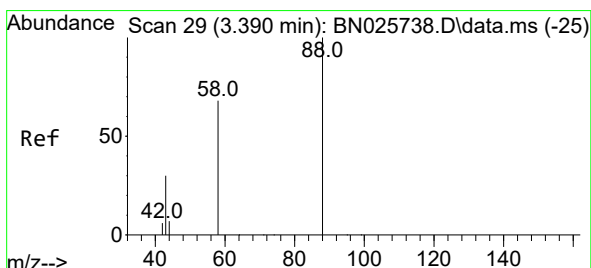
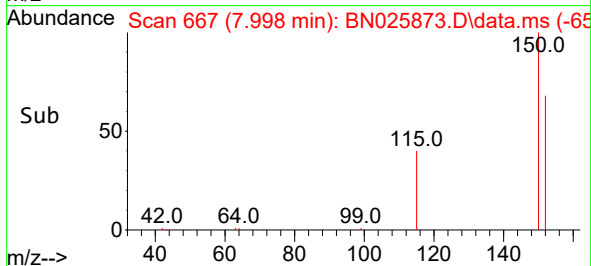
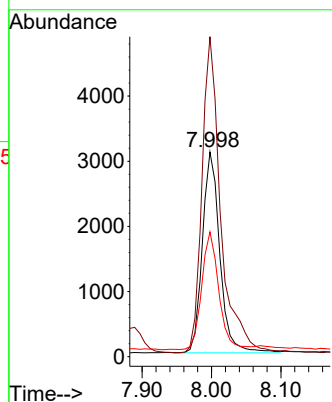


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.998 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Instrument :  
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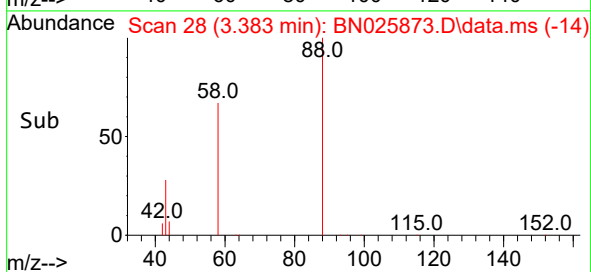
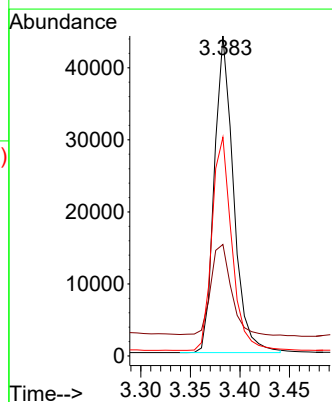
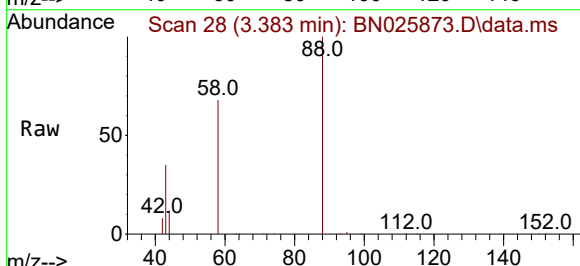


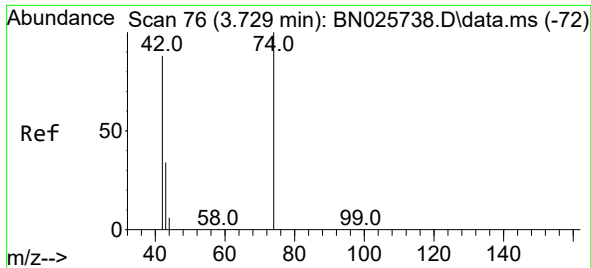
Tgt Ion:152 Resp: 5384  
Ion Ratio Lower Upper  
152 100  
150 156.4 121.5 182.3  
115 61.0 47.7 71.5



#2  
1,4-Dioxane  
Concen: 9.368 ng  
RT: 3.383 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion: 88 Resp: 59177  
Ion Ratio Lower Upper  
88 100  
43 30.5 31.0 46.4#  
58 69.5 57.3 85.9

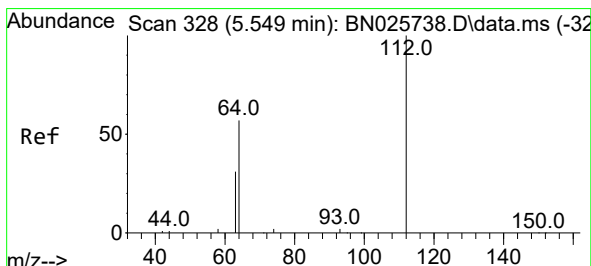
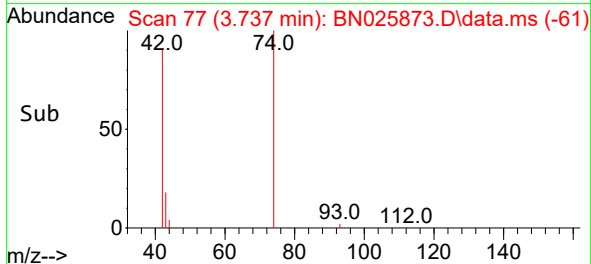
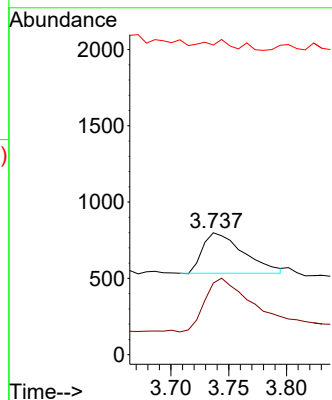
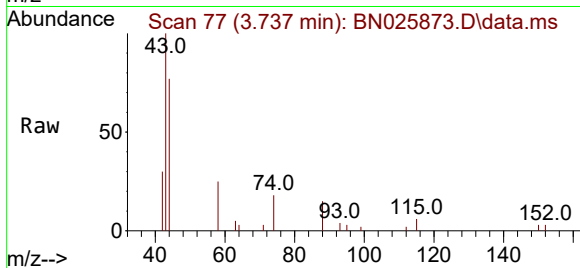




#3  
 n-Nitrosodimethylamine  
 Concen: 0.080 ng  
 RT: 3.737 min Scan# 71  
 Delta R.T. 0.015 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

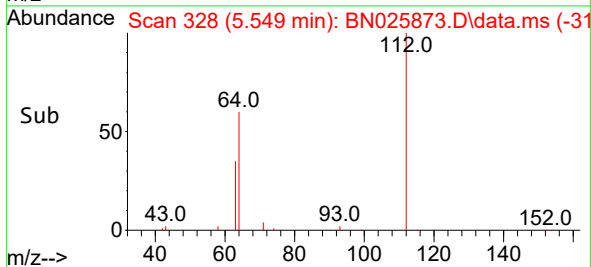
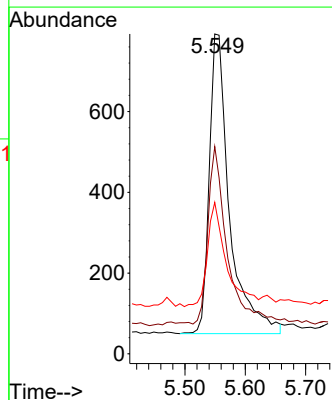
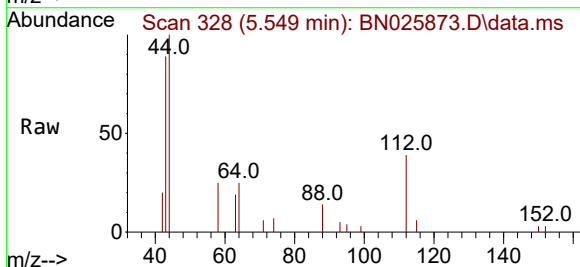
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-06B-74-79-061223MSD

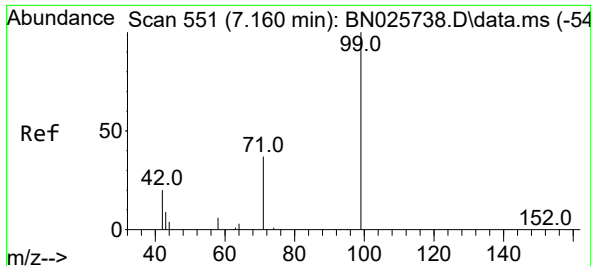
Tgt Ion: 42 Resp: 648  
 Ion Ratio Lower Upper  
 42 100  
 74 151.9 90.5 135.7#  
 44 10.0 4.4 6.6#



#4  
 2-Fluorophenol  
 Concen: 0.114 ng  
 RT: 5.549 min Scan# 328  
 Delta R.T. 0.015 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

Tgt Ion: 112 Resp: 1732  
 Ion Ratio Lower Upper  
 112 100  
 64 55.8 47.5 71.3  
 63 32.4 26.2 39.4

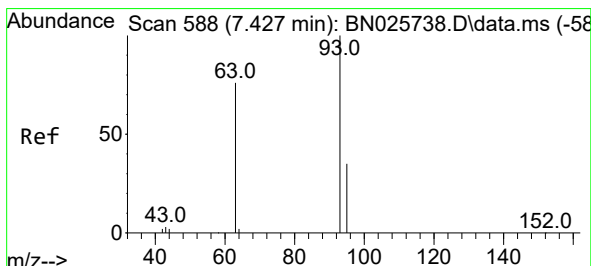
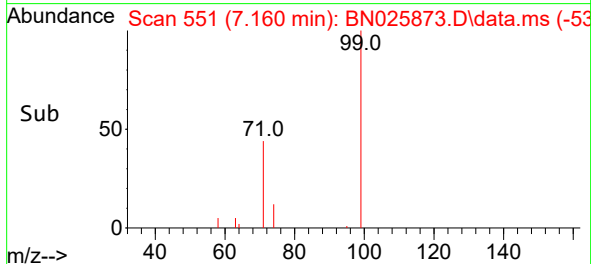
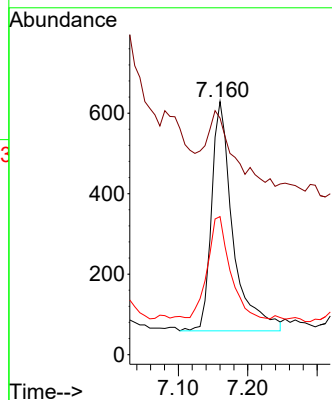
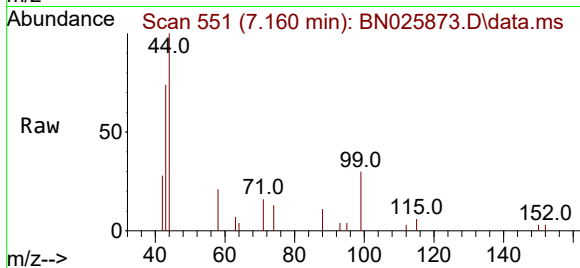




#5  
Phenol-d6  
Concen: 0.066 ng  
RT: 7.160 min Scan# 511  
Delta R.T. 0.007 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

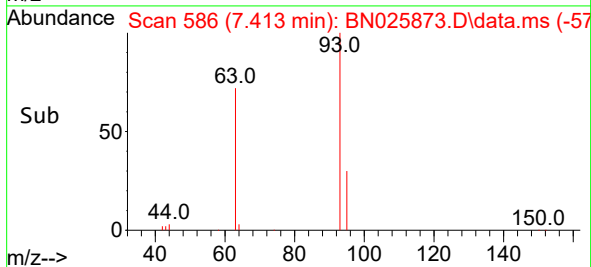
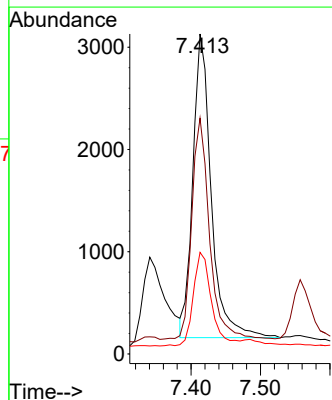
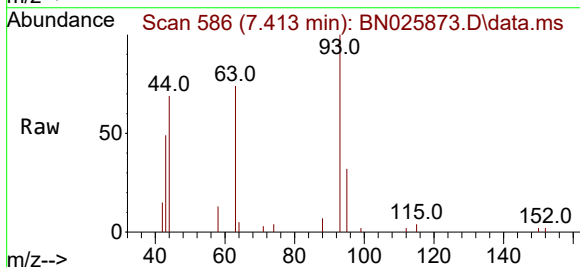
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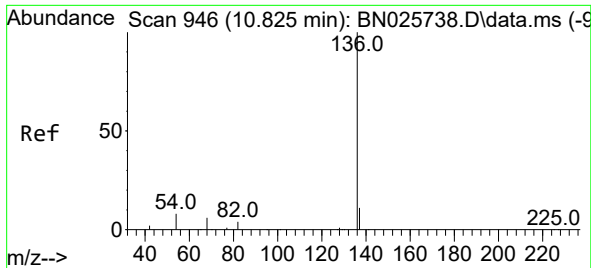
Tgt Ion: 99 Resp: 1227  
Ion Ratio Lower Upper  
99 100  
42 38.1 18.6 28.0#  
71 46.8 30.5 45.7#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.325 ng  
RT: 7.413 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion: 93 Resp: 5487  
Ion Ratio Lower Upper  
93 100  
63 69.7 56.4 84.6  
95 30.6 24.6 37.0

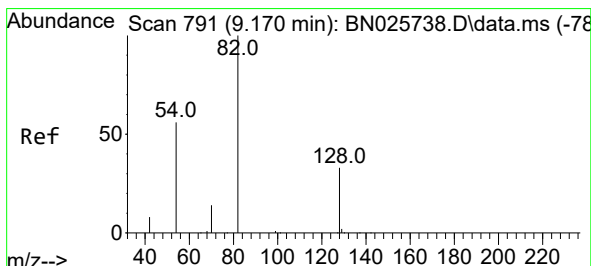
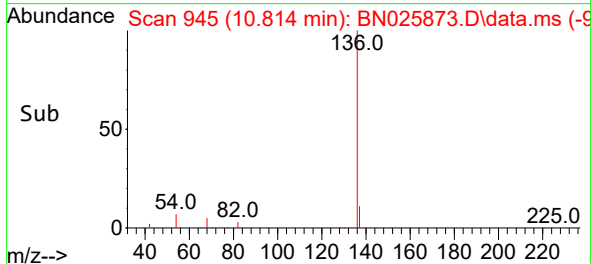
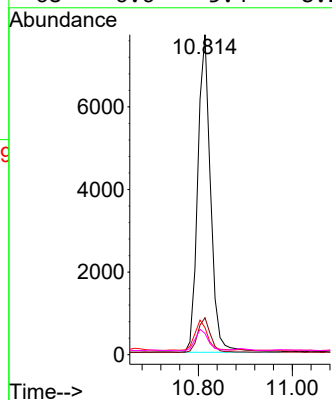
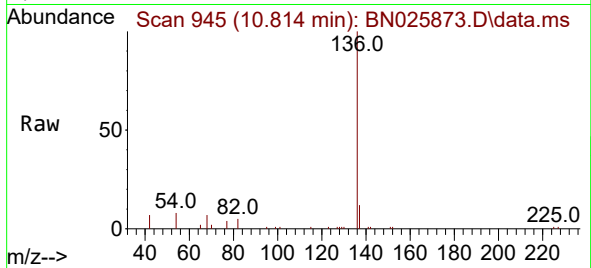




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.814 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

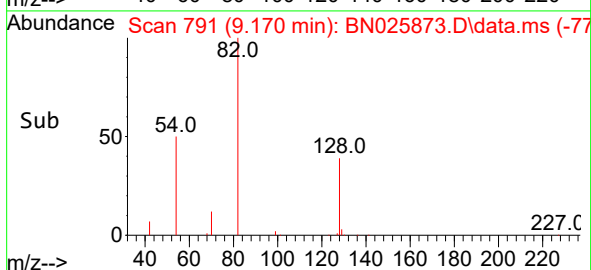
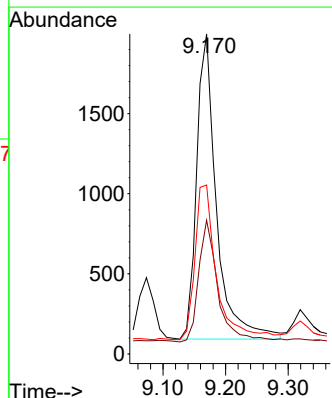
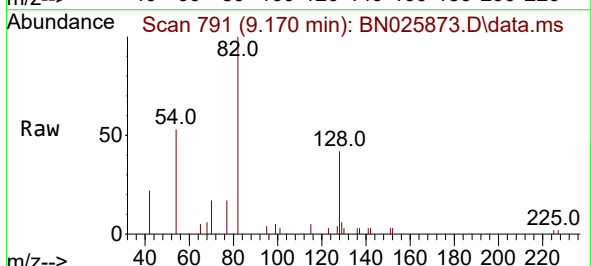
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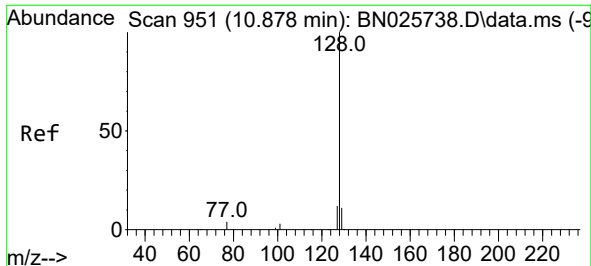
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 14613 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.3   | 13.9  |
| 54        | 8.5   | 7.2   | 10.8  |
| 68        | 6.6   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.309 ng  
RT: 9.170 min Scan# 791  
Delta R.T. 0.011 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 4195  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.8  | 27.6  | 41.4# |
| 54        | 52.8  | 45.7  | 68.5  |

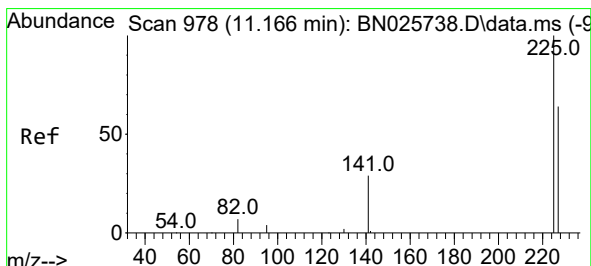
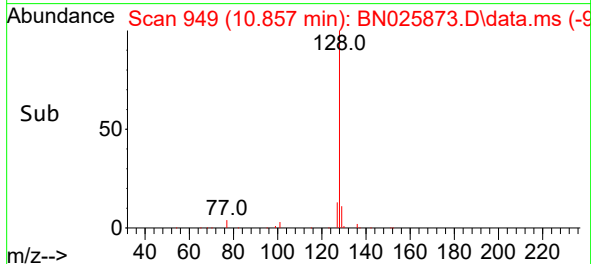
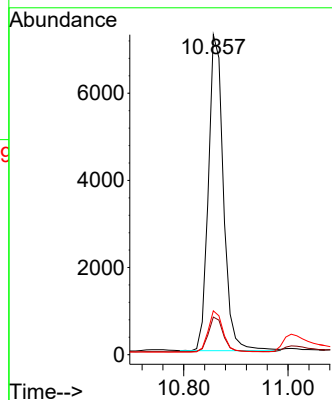
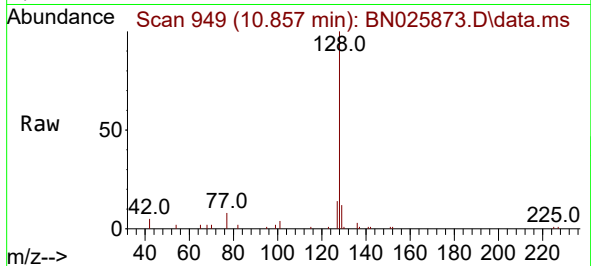




#9  
Naphthalene  
Concen: 0.331 ng  
RT: 10.857 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

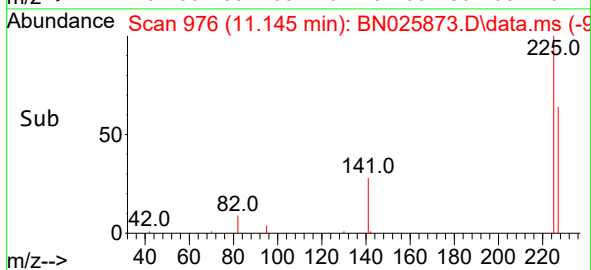
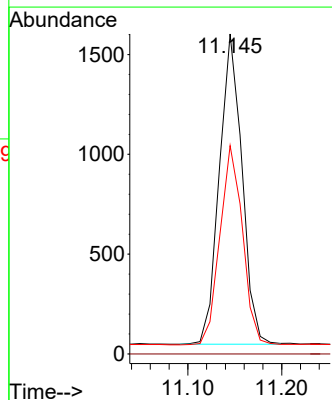
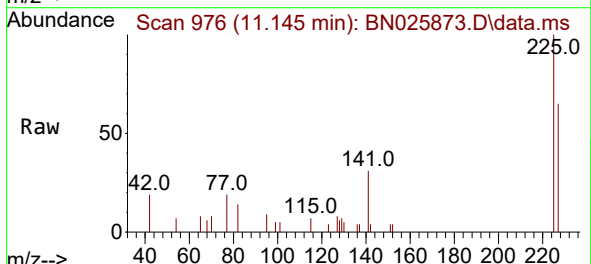
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Tgt Ion:128 Resp: 14477  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.1 13.7  
127 13.7 10.3 15.5



#10  
Hexachlorobutadiene  
Concen: 0.387 ng  
RT: 11.145 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
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Tgt Ion:225 Resp: 2603  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.2 50.4 75.6

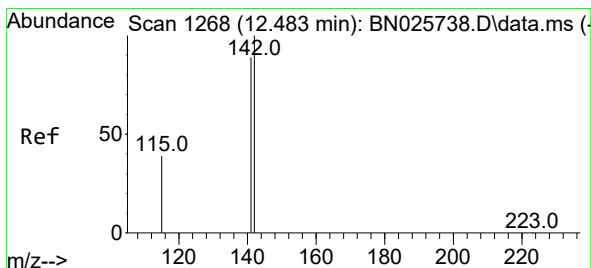
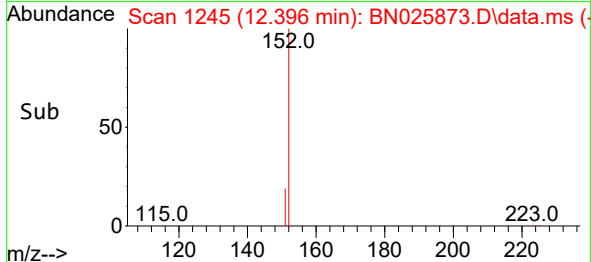
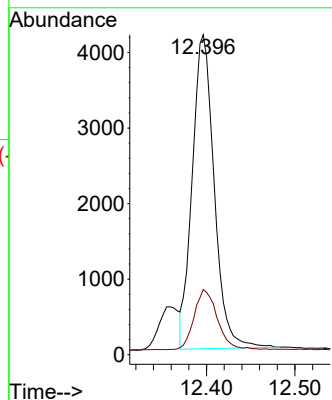
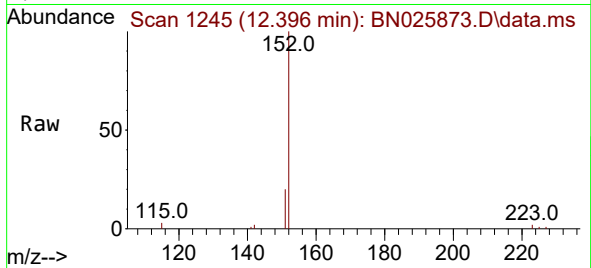




#11  
2-Methylnaphthalene-d10  
Concen: 0.341 ng  
RT: 12.396 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

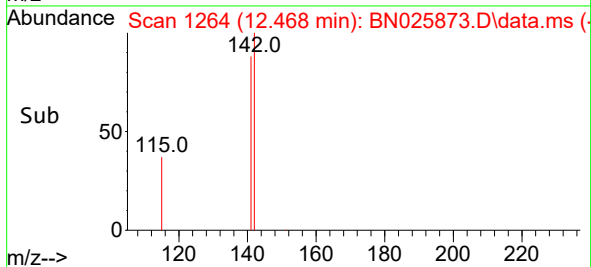
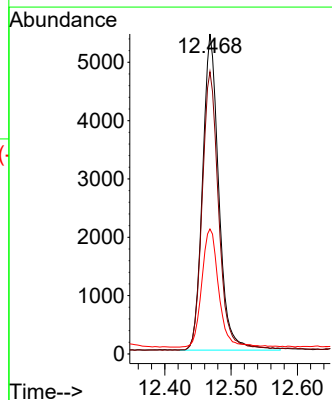
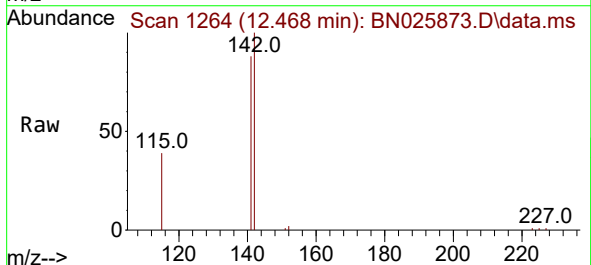
Instrument :  
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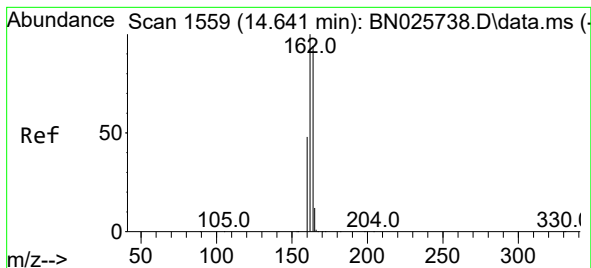
Tgt Ion:152 Resp: 7173  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6



#12  
2-Methylnaphthalene  
Concen: 0.332 ng  
RT: 12.468 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
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Tgt Ion:142 Resp: 9233  
Ion Ratio Lower Upper  
142 100  
141 88.2 71.2 106.8  
115 39.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.630 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BN025873.D

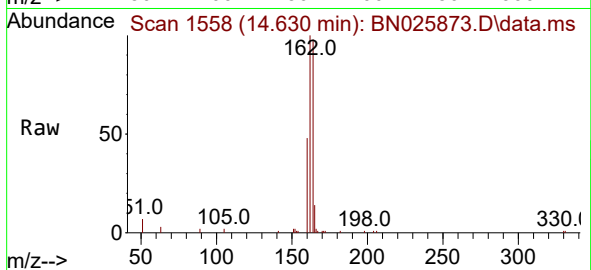
Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD



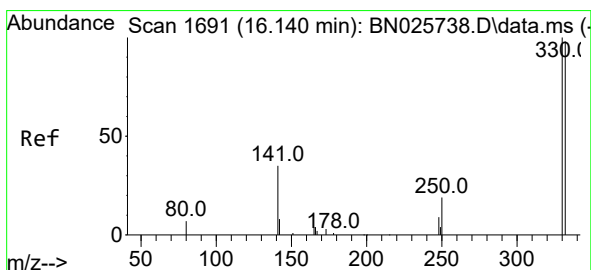
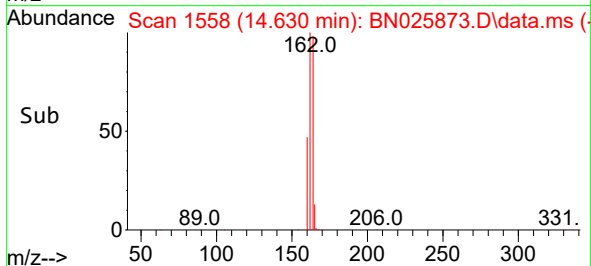
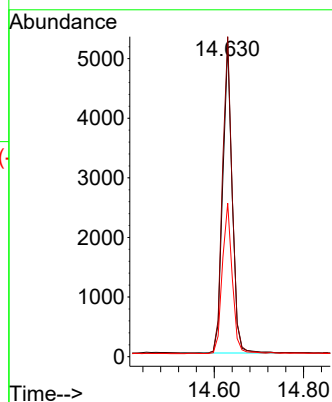
Tgt Ion:164 Resp: 7682

Ion Ratio Lower Upper

164 100

162 102.3 85.0 127.6

160 49.1 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.407 ng

RT: 16.127 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

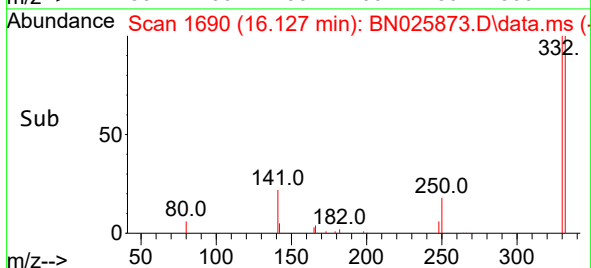
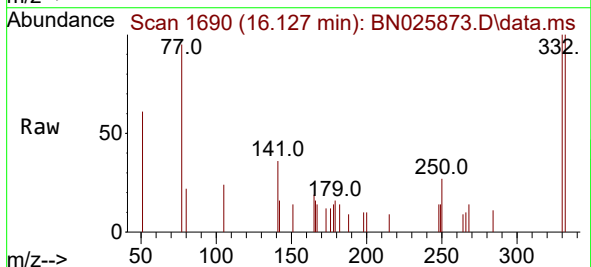
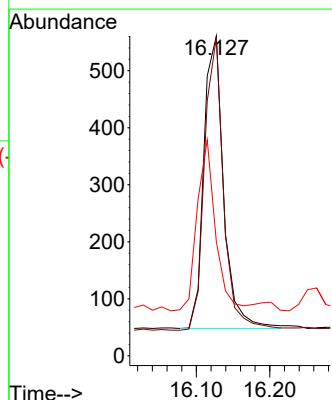
Tgt Ion:330 Resp: 963

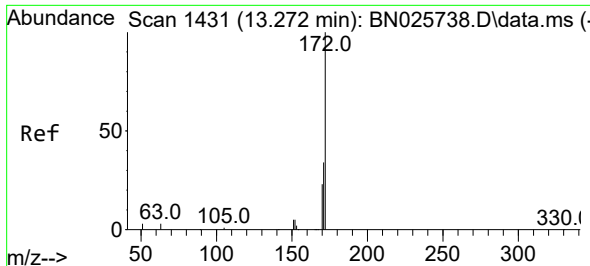
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 53.8 55.0 82.6#

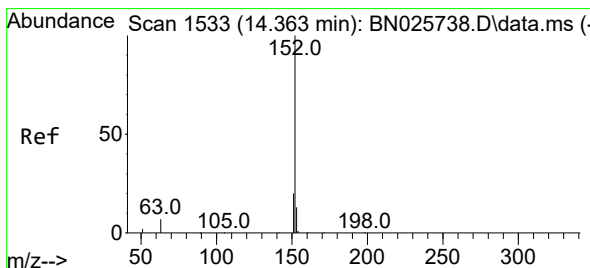
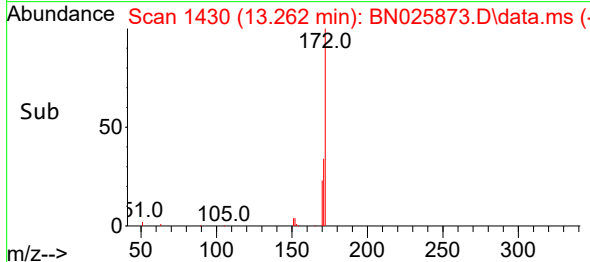
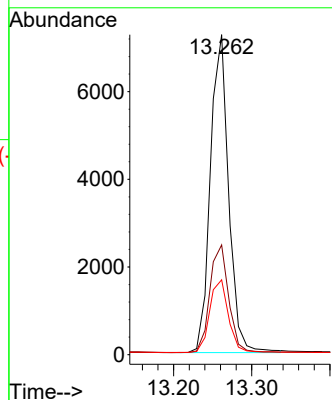
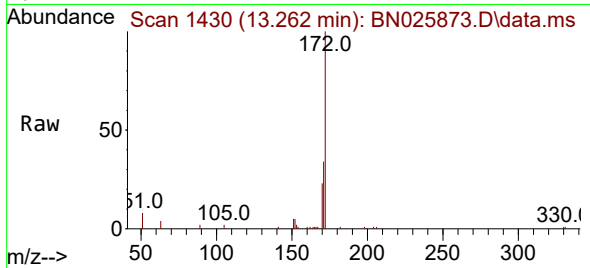




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.262 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

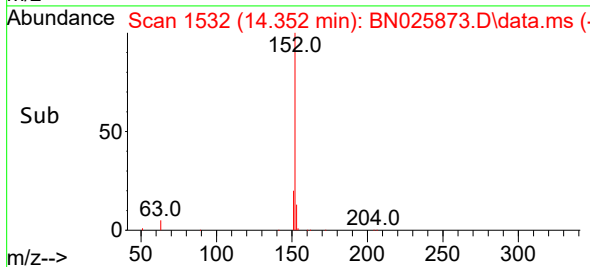
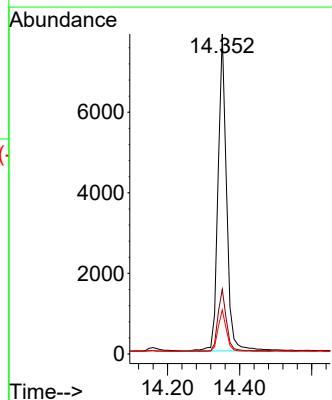
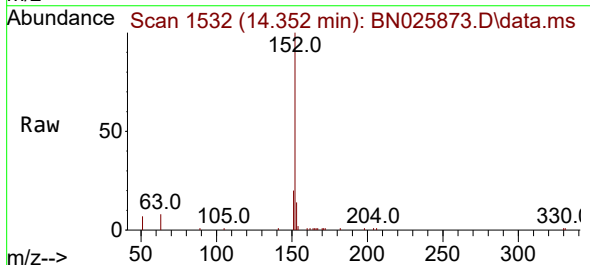
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BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD

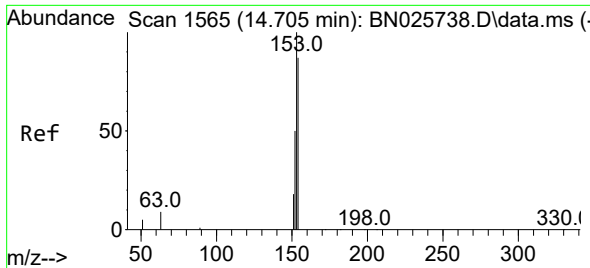
Tgt Ion:172 Resp: 11760  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.3 40.9  
170 23.4 18.6 28.0



#16  
Acenaphthylene  
Concen: 0.350 ng  
RT: 14.352 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion:152 Resp: 12934  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.4 23.0  
153 13.1 10.4 15.6

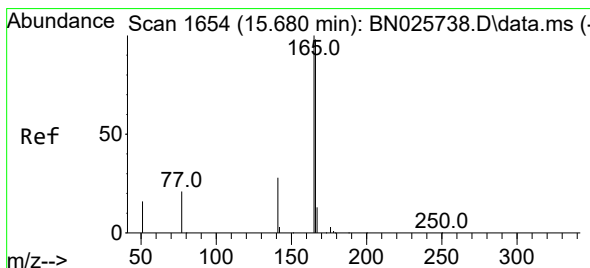
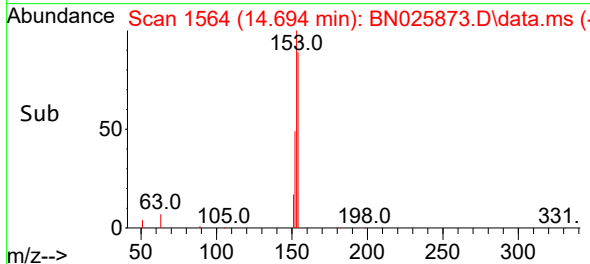
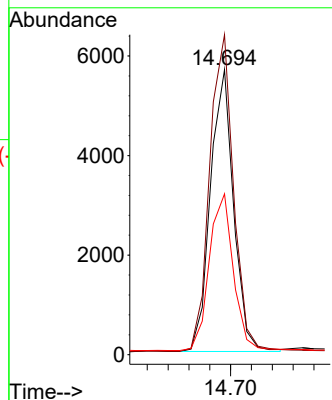
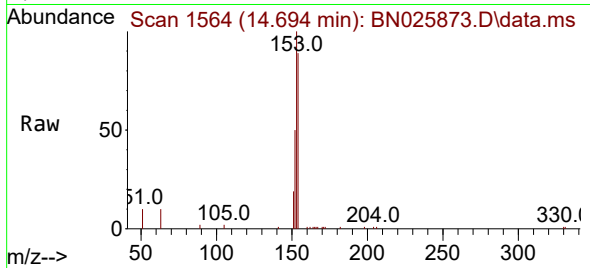




#17  
Acenaphthene  
Concen: 0.361 ng  
RT: 14.694 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

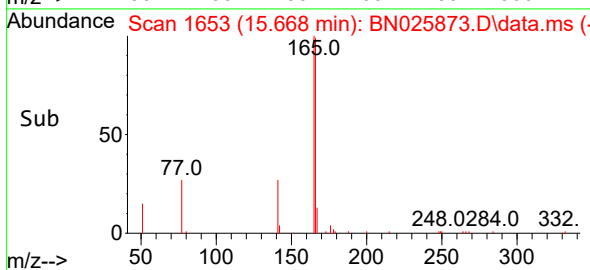
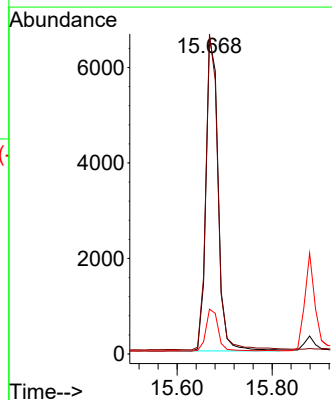
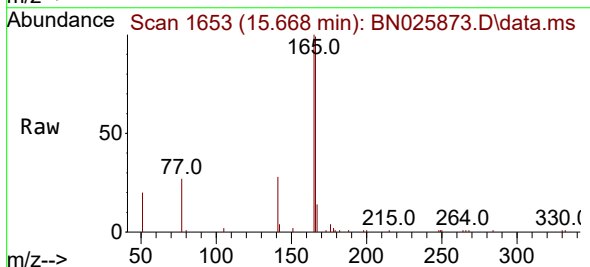
Instrument :  
BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD

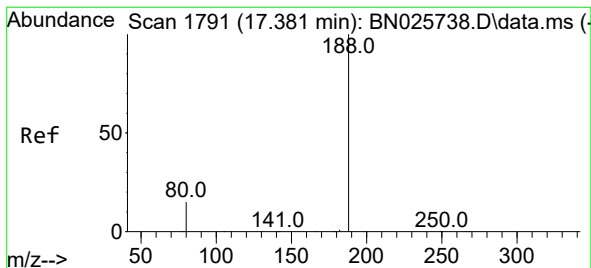
Tgt Ion:154 Resp: 8758  
Ion Ratio Lower Upper  
154 100  
153 116.5 93.0 139.6  
152 58.4 46.5 69.7



#18  
Fluorene  
Concen: 0.377 ng  
RT: 15.668 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion:166 Resp: 11774  
Ion Ratio Lower Upper  
166 100  
165 99.4 80.1 120.1  
167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.368 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD

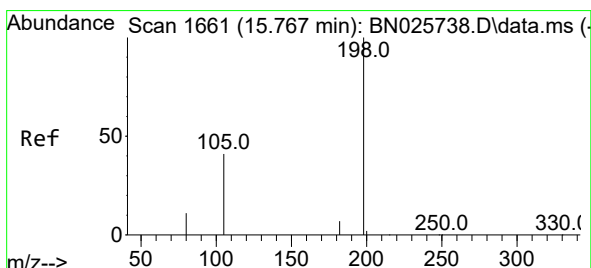
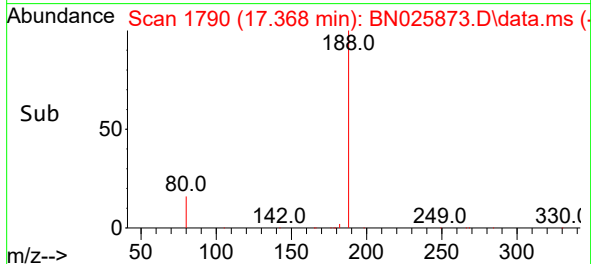
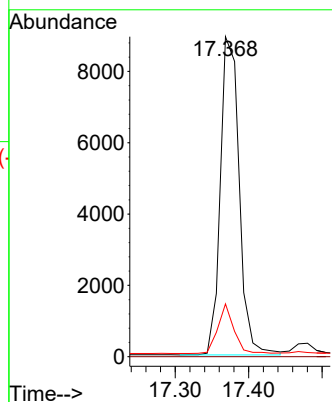
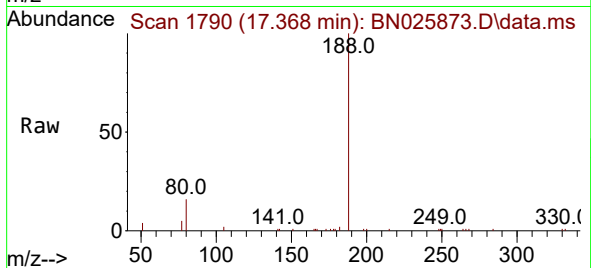
Tgt Ion:188 Resp: 15923

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 12.1 18.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.357 ng

RT: 15.767 min Scan# 1661

Delta R.T. 0.013 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

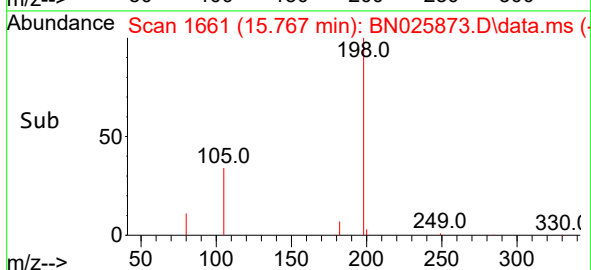
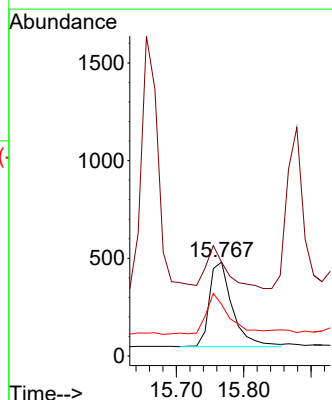
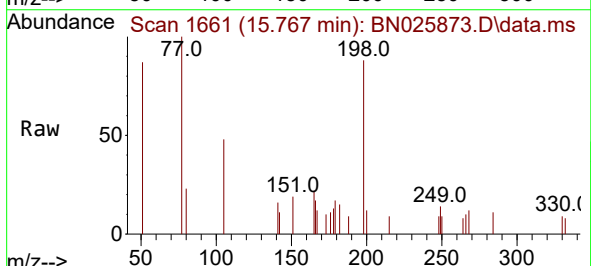
Tgt Ion:198 Resp: 1028

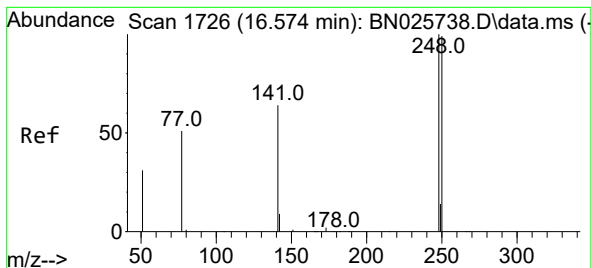
Ion Ratio Lower Upper

198 100

51 99.6 62.7 94.1#

105 54.9 42.2 63.4

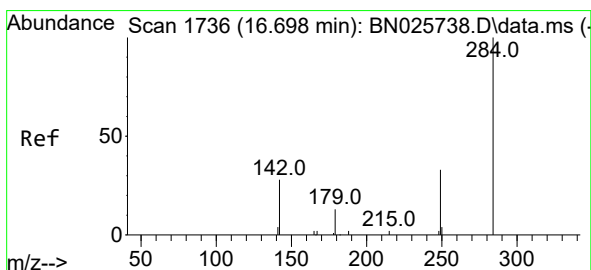
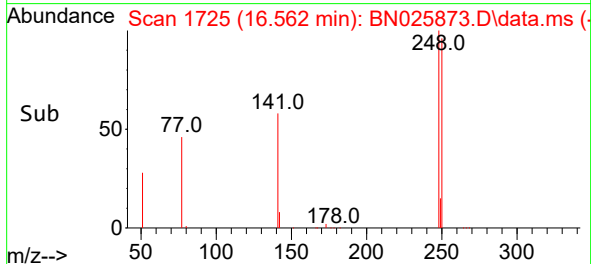
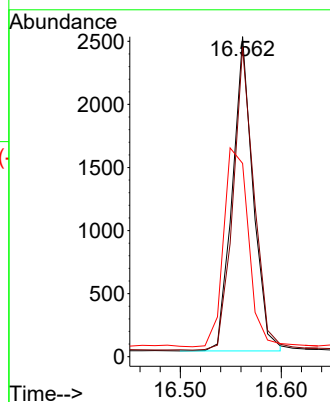
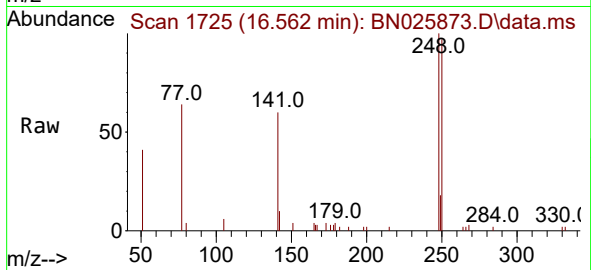




#21  
4-Bromophenyl-phenylether  
Concen: 0.386 ng  
RT: 16.562 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

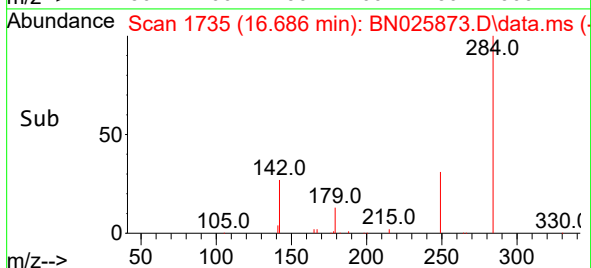
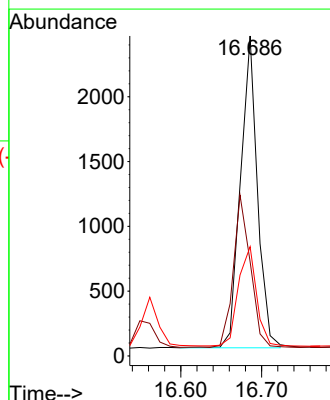
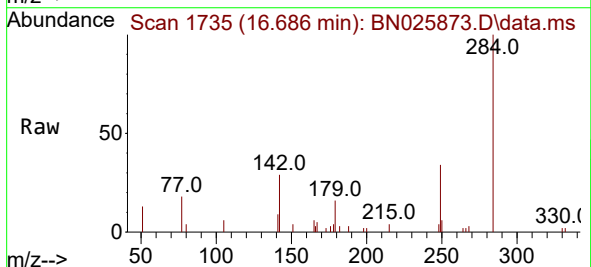
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BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD

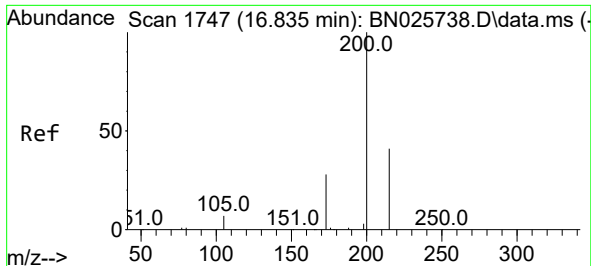
Tgt Ion:248 Resp: 3559  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.1 118.7  
141 60.4 51.9 77.9



#22  
Hexachlorobenzene  
Concen: 0.445 ng  
RT: 16.686 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion:284 Resp: 3513  
Ion Ratio Lower Upper  
284 100  
142 48.7 45.0 67.4  
249 34.0 29.6 44.4

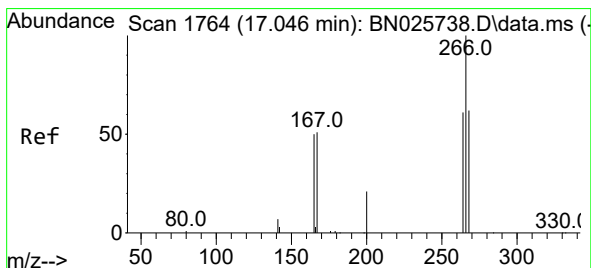
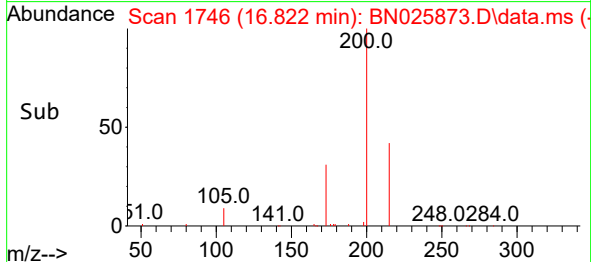
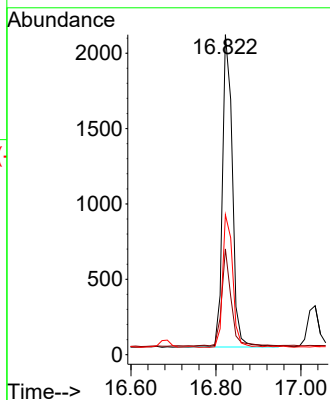
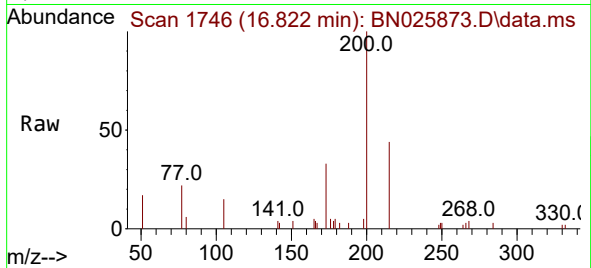




#23  
 Atrazine  
 Concen: 0.445 ng  
 RT: 16.822 min Scan# 1746  
 Delta R.T. 0.000 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

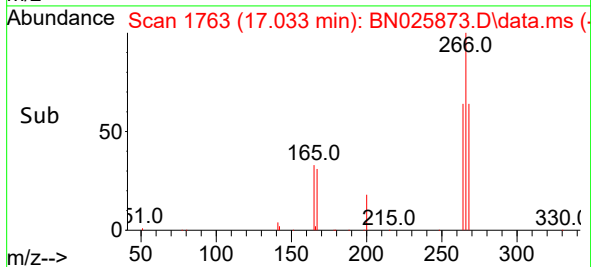
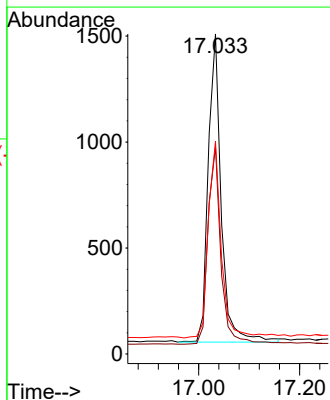
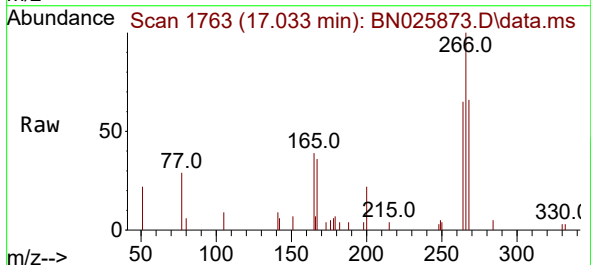
Instrument :  
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 ClientSampleId :  
 OW-06B-74-79-061223MSD

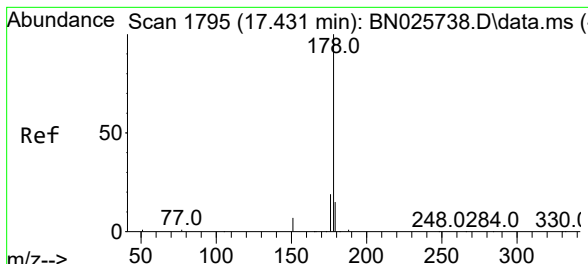
Tgt Ion:200 Resp: 3348  
 Ion Ratio Lower Upper  
 200 100  
 173 33.0 23.8 35.6  
 215 43.8 33.8 50.6



#24  
 Pentachlorophenol  
 Concen: 0.885 ng  
 RT: 17.033 min Scan# 1763  
 Delta R.T. 0.000 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

Tgt Ion:266 Resp: 2605  
 Ion Ratio Lower Upper  
 266 100  
 264 63.9 48.6 73.0  
 268 64.7 51.8 77.6

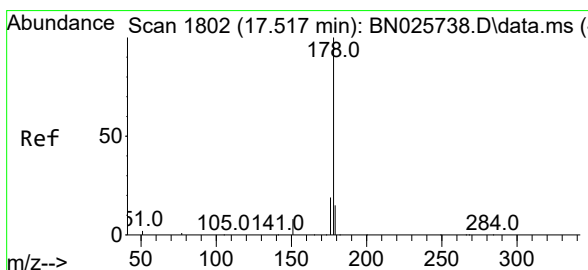
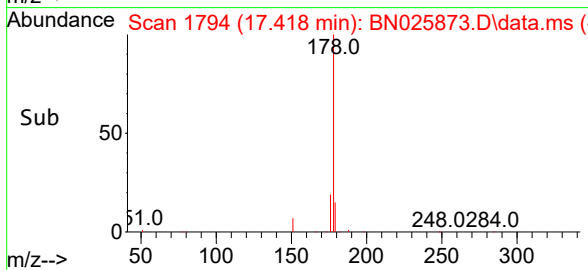
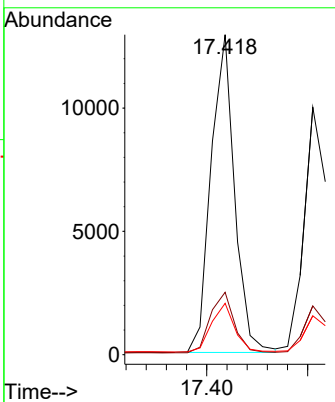
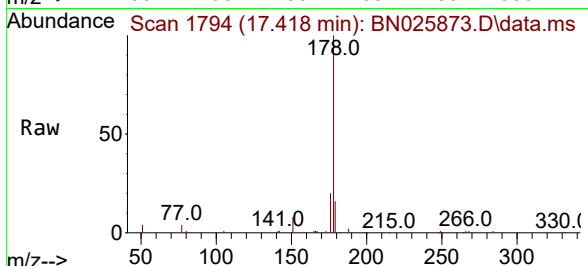




#25  
 Phenanthrene  
 Concen: 0.427 ng  
 RT: 17.418 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

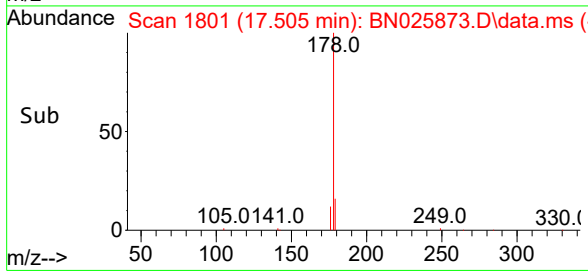
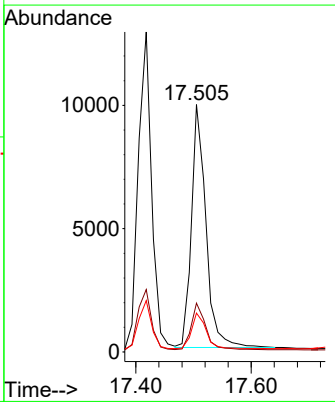
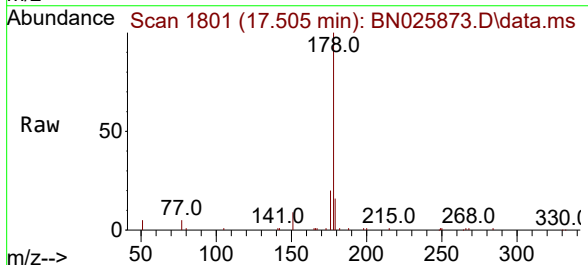
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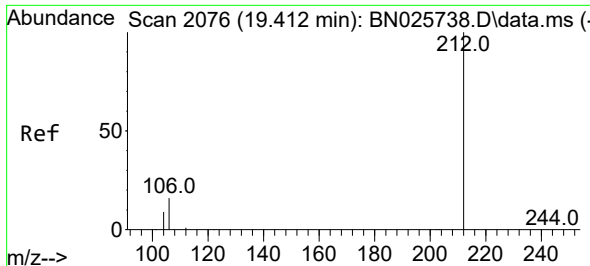
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 20901 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.4  | 15.7  | 23.5  |
| 179       | 15.3  | 12.2  | 18.2  |



#26  
 Anthracene  
 Concen: 0.385 ng  
 RT: 17.505 min Scan# 1801  
 Delta R.T. 0.000 min  
 Lab File: BN025873.D  
 Acq: 16 Jun 2023 01:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 17244 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.1  | 15.1  | 22.7  |
| 179       | 14.6  | 12.2  | 18.2  |

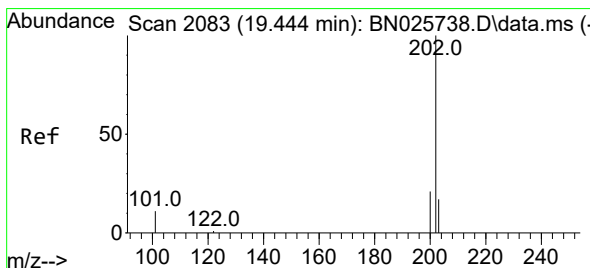
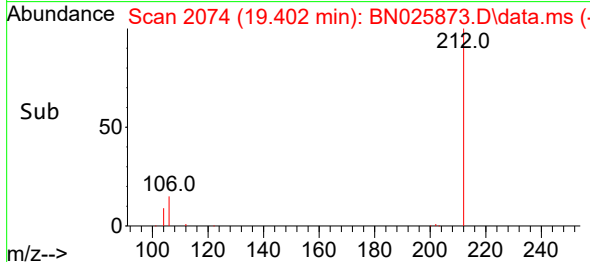
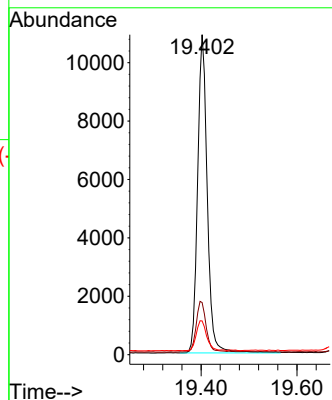
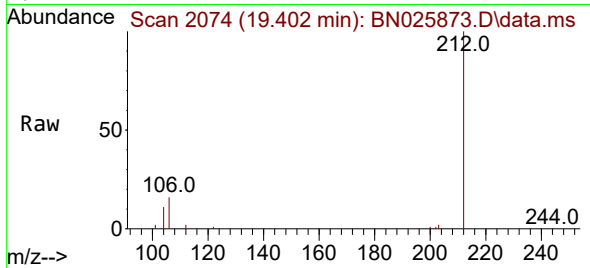




#27  
Fluoranthene-d10  
Concen: 0.469 ng  
RT: 19.402 min Scan# 2076  
Delta R.T. 0.000 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

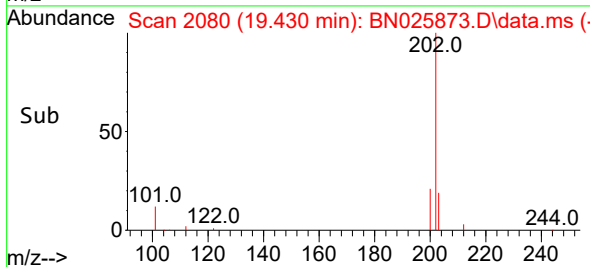
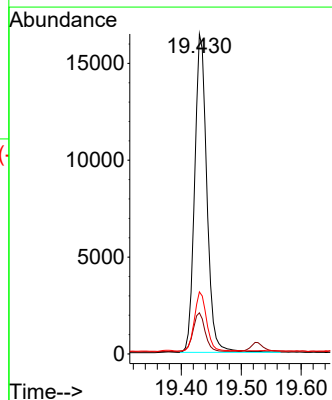
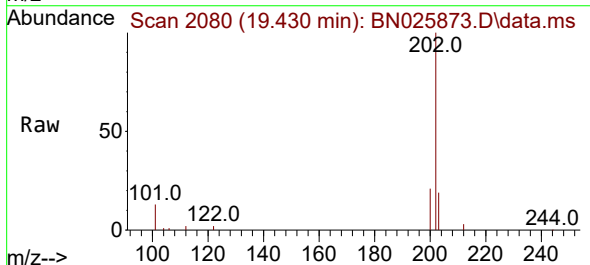
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BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD

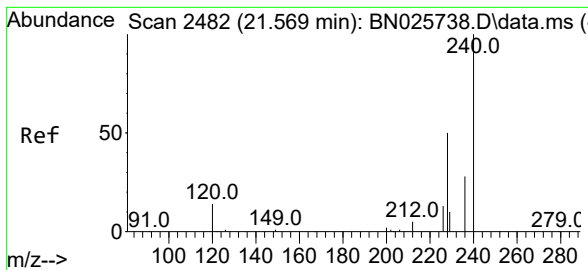
Tgt Ion:212 Resp: 15348  
Ion Ratio Lower Upper  
212 100  
106 16.4 13.0 19.6  
104 10.2 7.7 11.5



#28  
Fluoranthene  
Concen: 0.480 ng  
RT: 19.430 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion:202 Resp: 23173  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.8 14.8  
203 18.5 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.560 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD

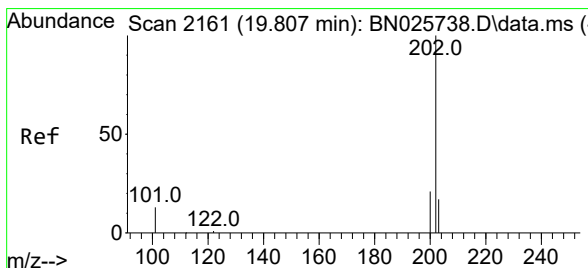
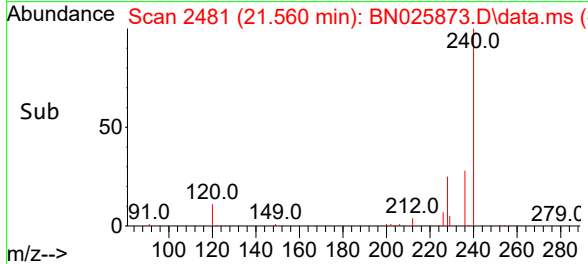
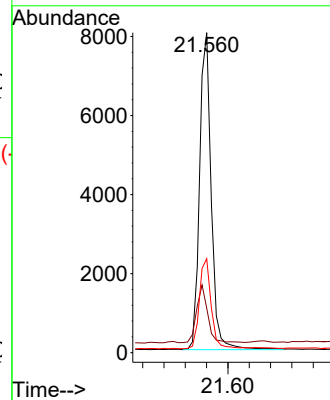
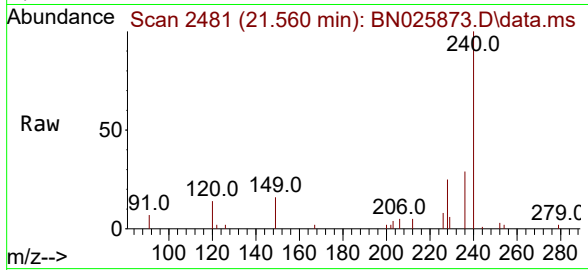
Tgt Ion:240 Resp: 12203

Ion Ratio Lower Upper

240 100

120 13.9 13.2 19.8

236 29.3 23.1 34.7



#30

Pyrene

Concen: 0.349 ng

RT: 19.793 min Scan# 2158

Delta R.T. -0.004 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

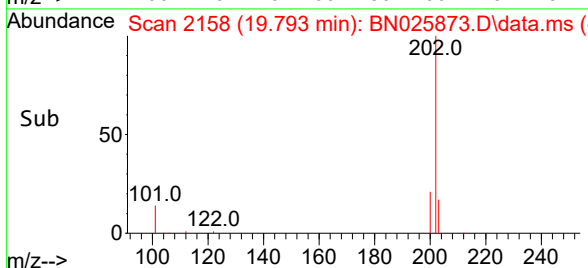
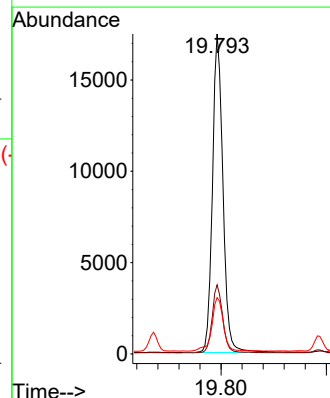
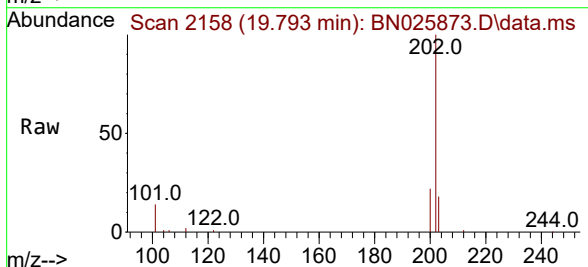
Tgt Ion:202 Resp: 24155

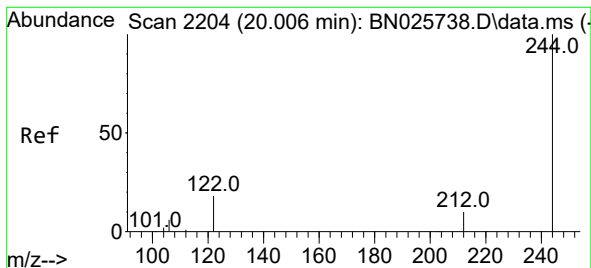
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 18.3 14.2 21.2





#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD

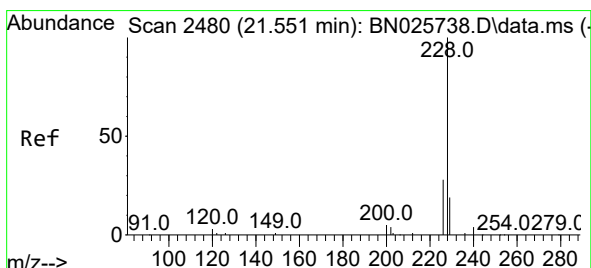
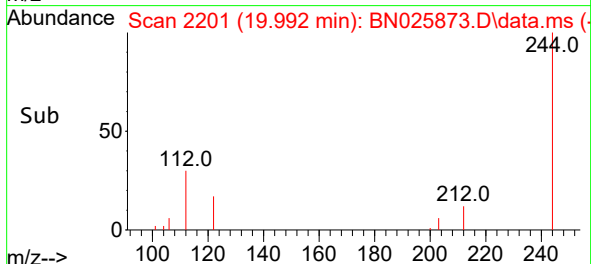
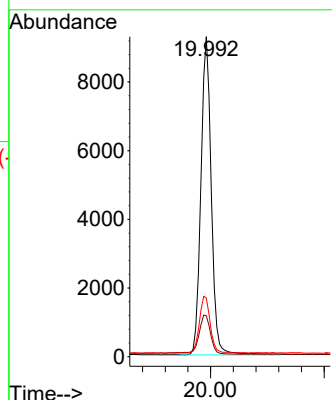
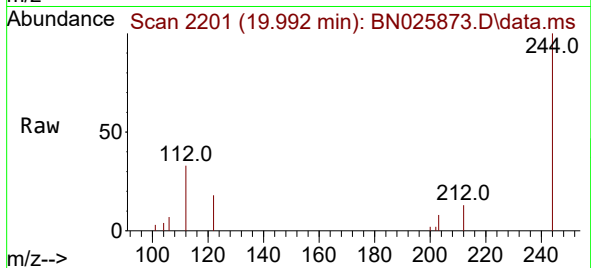
Tgt Ion:244 Resp: 11721

Ion Ratio Lower Upper

244 100

212 12.8 8.6 12.8

122 18.4 15.2 22.8



#32

Benzo(a)anthracene

Concen: 0.429 ng

RT: 21.542 min Scan# 2479

Delta R.T. 0.000 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

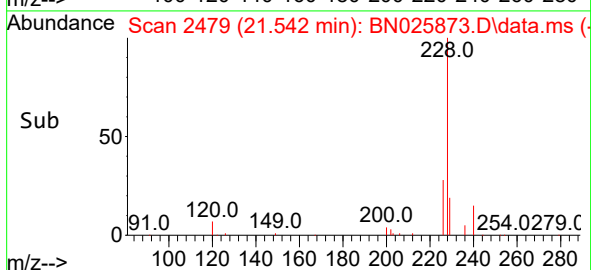
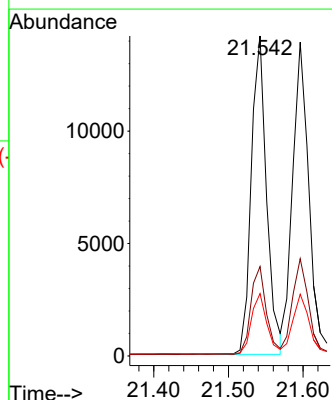
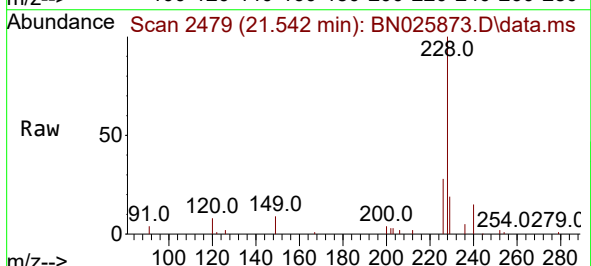
Tgt Ion:228 Resp: 20190

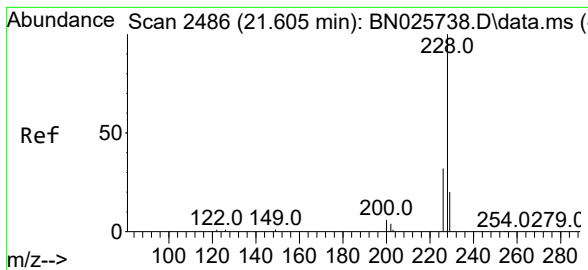
Ion Ratio Lower Upper

228 100

226 27.9 22.9 34.3

229 19.5 15.6 23.4





#33

Chrysene

Concen: 0.417 ng

RT: 21.596 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD

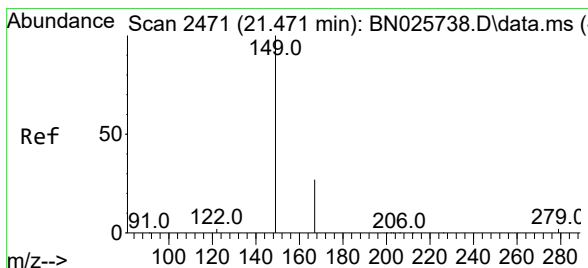
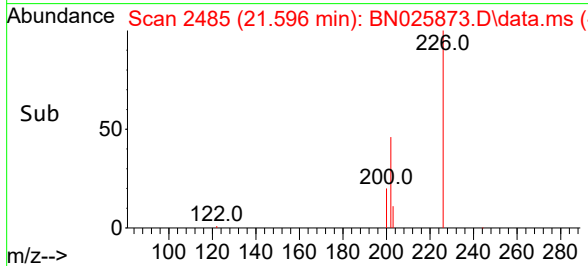
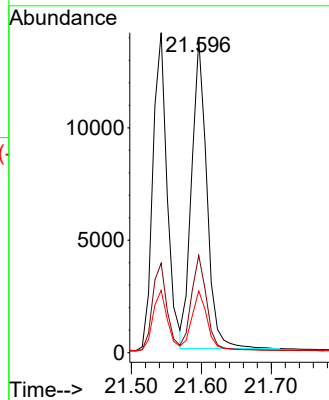
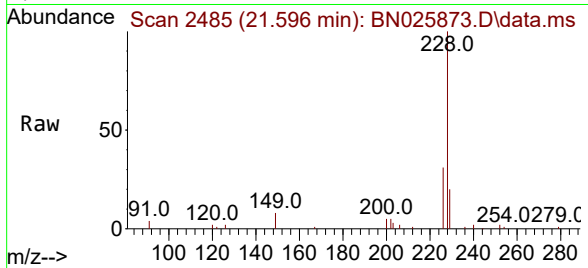
Tgt Ion:228 Resp: 20800

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.2

229 19.7 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.536 ng

RT: 21.453 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

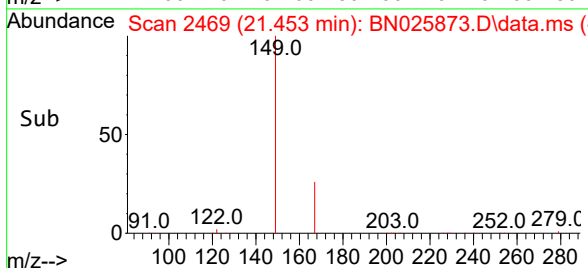
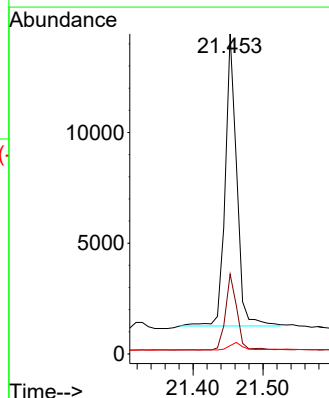
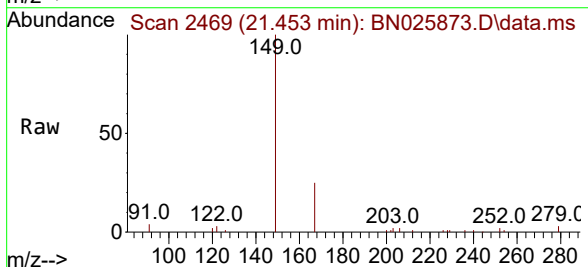
Tgt Ion:149 Resp: 15040

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.6

279 2.6 2.2 3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.040 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN025873.D

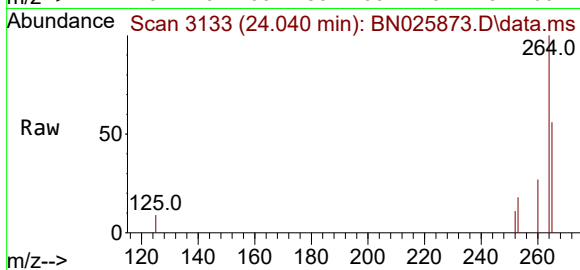
Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD



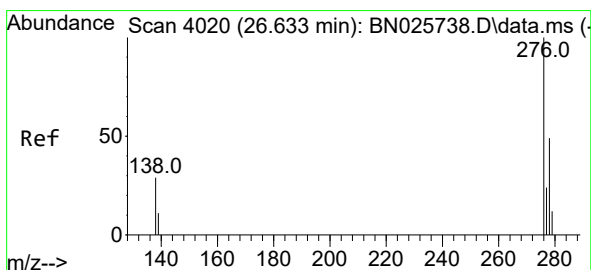
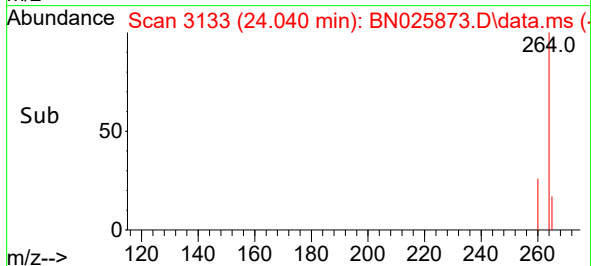
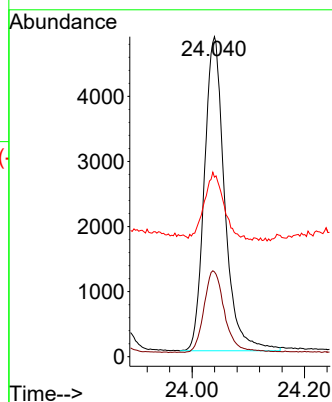
Tgt Ion:264 Resp: 12140

Ion Ratio Lower Upper

264 100

260 26.5 21.4 32.2

265 56.1 44.7 67.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.454 ng

RT: 26.639 min Scan# 4022

Delta R.T. -0.003 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

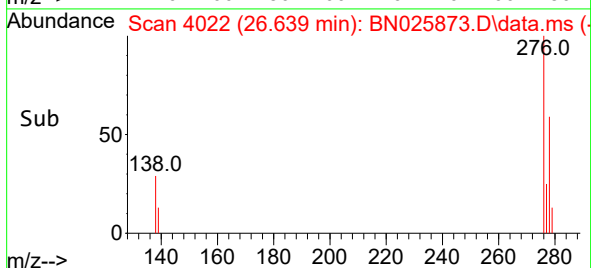
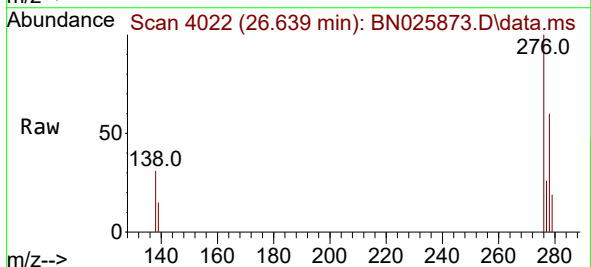
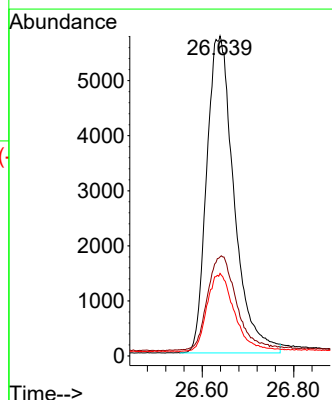
Tgt Ion:276 Resp: 23842

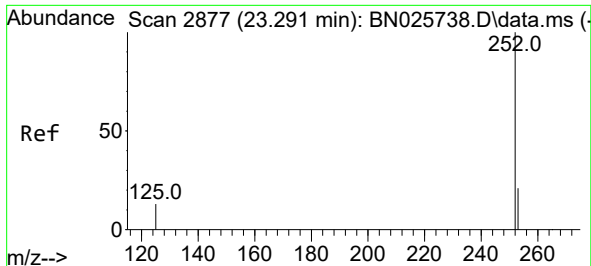
Ion Ratio Lower Upper

276 100

138 31.7 26.1 39.1

277 24.7 19.4 29.2

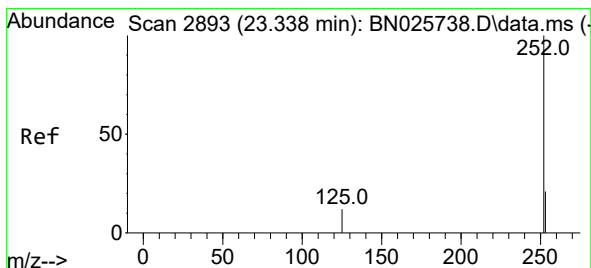
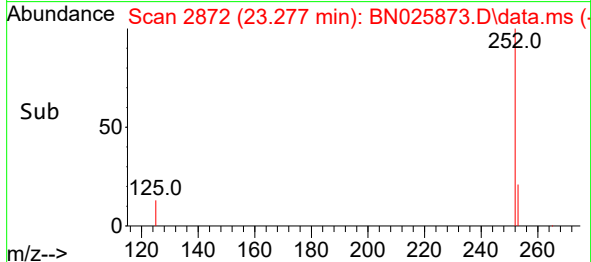
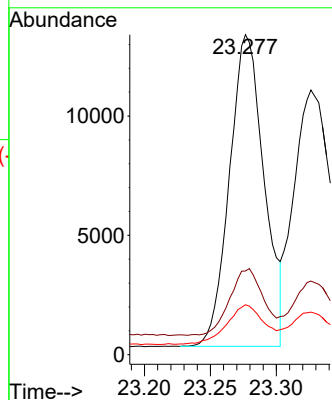
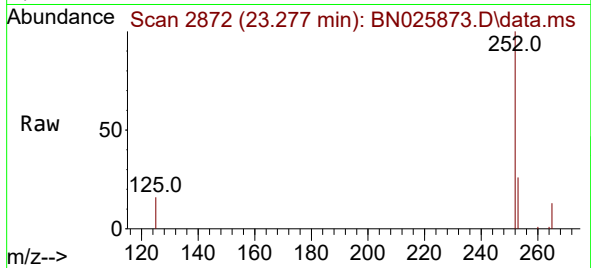




#37  
Benzo(b)fluoranthene  
Concen: 0.497 ng  
RT: 23.277 min Scan# 2872  
Delta R.T. -0.006 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

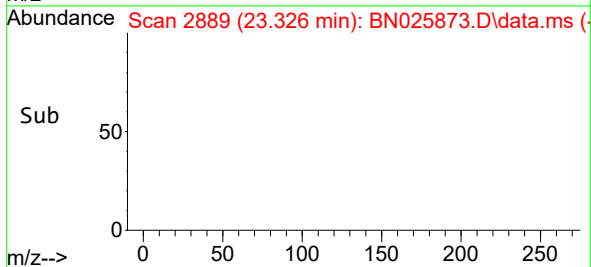
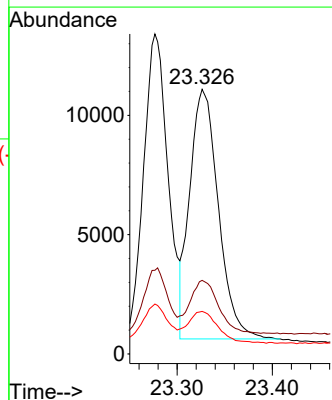
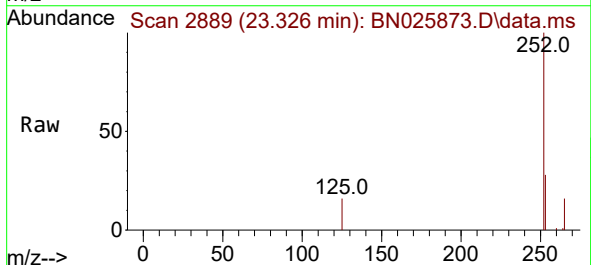
Instrument :  
BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD

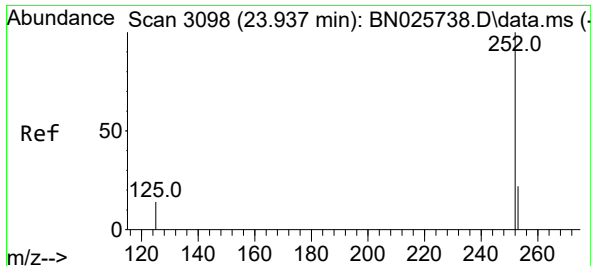
Tgt Ion:252 Resp: 23815  
Ion Ratio Lower Upper  
252 100  
253 26.2 23.4 35.0  
125 15.6 12.3 18.5



#38  
Benzo(k)fluoranthene  
Concen: 0.447 ng  
RT: 23.326 min Scan# 2889  
Delta R.T. -0.003 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Tgt Ion:252 Resp: 21870  
Ion Ratio Lower Upper  
252 100  
253 27.8 24.2 36.4  
125 16.1 12.2 18.2





#39

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.929 min Scan# 3095

Delta R.T. -0.009 min

Lab File: BN025873.D

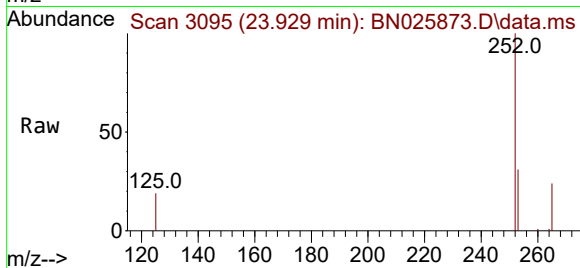
Acq: 16 Jun 2023 01:22

Instrument :

BNA\_N

ClientSampleId :

OW-06B-74-79-061223MSD



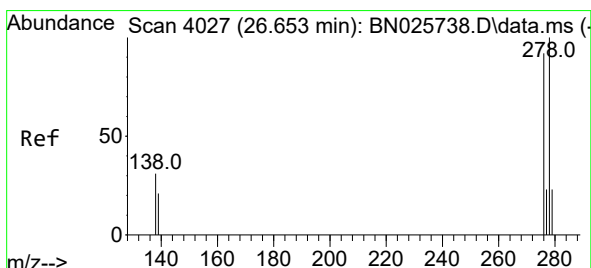
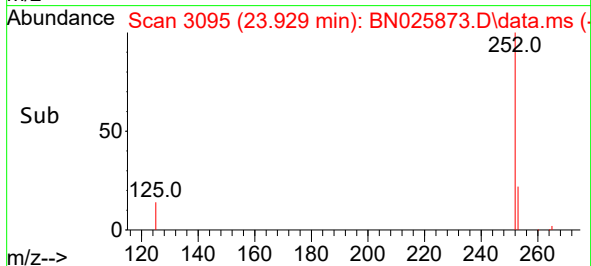
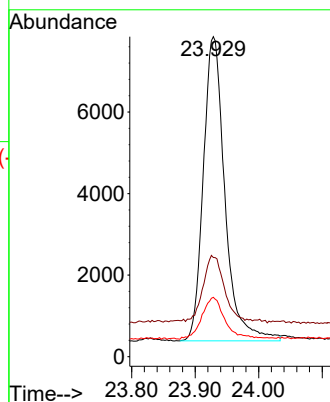
Tgt Ion:252 Resp: 17641

Ion Ratio Lower Upper

252 100

253 31.0 27.5 41.3

125 18.5 14.6 21.8



#40

Dibenzo(a,h)anthracene

Concen: 0.440 ng

RT: 26.653 min Scan# 4027

Delta R.T. -0.009 min

Lab File: BN025873.D

Acq: 16 Jun 2023 01:22

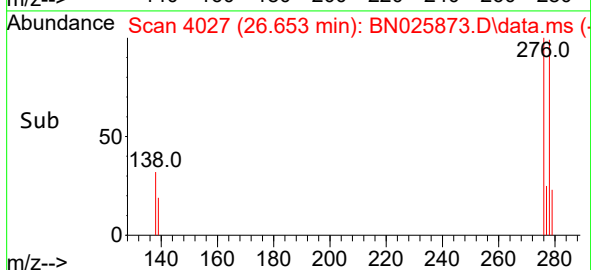
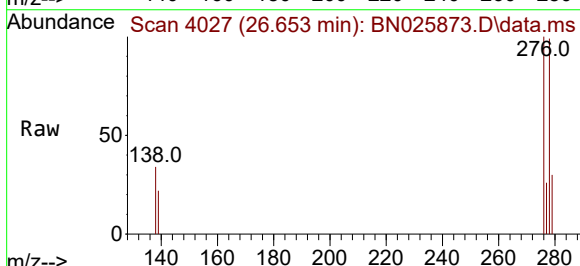
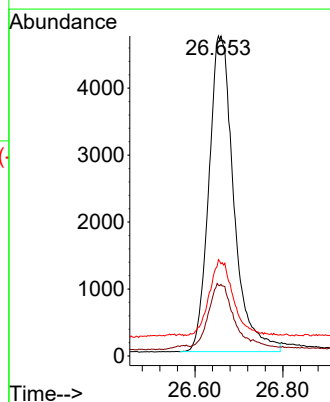
Tgt Ion:278 Resp: 18554

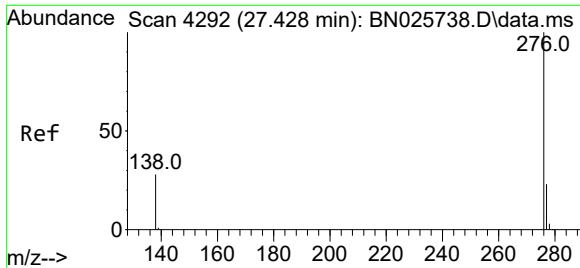
Ion Ratio Lower Upper

278 100

139 22.1 18.7 28.1

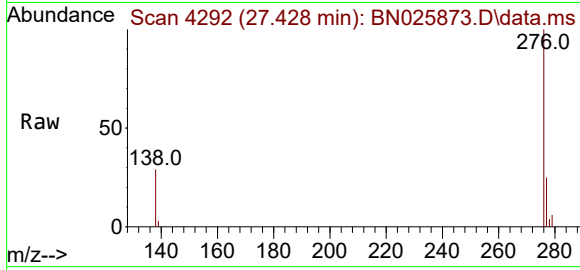
279 30.1 25.1 37.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.453 ng  
RT: 27.428 min Scan# 41  
Delta R.T. -0.017 min  
Lab File: BN025873.D  
Acq: 16 Jun 2023 01:22

Instrument :  
BNA\_N  
ClientSampleId :  
OW-06B-74-79-061223MSD



Tgt Ion:276 Resp: 21316  
Ion Ratio Lower Upper  
276 100  
277 24.9 20.2 30.2  
138 28.8 24.2 36.4

