

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122223\  
 Data File : BN029180.D  
 Acq On : 22 Dec 2023 16:54  
 Operator : MA/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Dec 23 03:46:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 23 03:40:55 2023  
 Response via : Initial Calibration

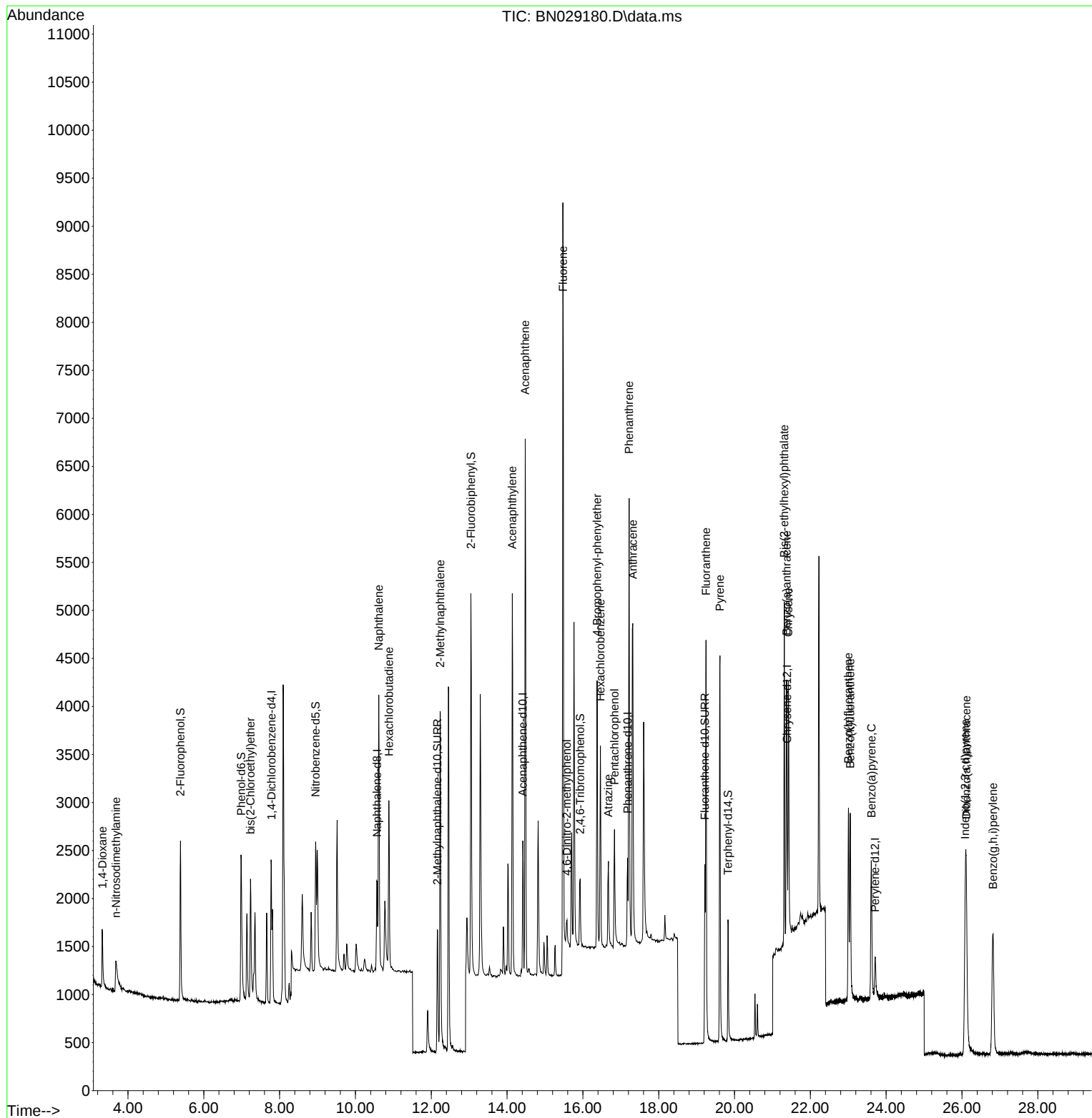
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.782  | 152  | 797      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.573 | 136  | 1535     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.415 | 164  | 842      | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.181 | 188  | 1397     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.385 | 240  | 531      | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.707 | 264  | 630      | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.385  | 112  | 1482     | 0.815 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 1707     | 0.837 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 1570     | 0.813 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.163 | 152  | 2123     | 0.844 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.927 | 330  | 474      | 0.768 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.047 | 172  | 3866     | 0.812 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.215 | 212  | 2253     | 0.773 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.829 | 244  | 1295     | 0.837 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.326  | 88   | 627      | 0.891 | ng    | 94       |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 439      | 0.810 | ng    | # 80     |
| 6) bis(2-Chloroethyl)ether    | 7.233  | 93   | 1209     | 0.844 | ng    | 95       |
| 9) Naphthalene                | 10.616 | 128  | 3958     | 0.834 | ng    | # 93     |
| 10) Hexachlorobutadiene       | 10.883 | 225  | 1215     | 0.833 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.238 | 142  | 2815     | 0.838 | ng    | 96       |
| 16) Acenaphthylene            | 14.137 | 152  | 4477     | 0.804 | ng    | 98       |
| 17) Acenaphthene              | 14.479 | 154  | 2760     | 0.809 | ng    | 99       |
| 18) Fluorene                  | 15.473 | 166  | 3929     | 0.818 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 352      | 0.739 | ng    | # 63     |
| 21) 4-Bromophenyl-phenylether | 16.374 | 248  | 1087     | 0.827 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.461 | 284  | 1227     | 0.791 | ng    | 97       |
| 23) Atrazine                  | 16.672 | 200  | 996      | 0.833 | ng    | 92       |
| 24) Pentachlorophenol         | 16.834 | 266  | 716      | 0.795 | ng    | 93       |
| 25) Phenanthrene              | 17.218 | 178  | 4891     | 0.799 | ng    | 99       |
| 26) Anthracene                | 17.318 | 178  | 4756     | 0.809 | ng    | 97       |
| 28) Fluoranthene              | 19.248 | 202  | 4279     | 0.781 | ng    | # 99     |
| 30) Pyrene                    | 19.615 | 202  | 4252     | 0.850 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.376 | 228  | 2455     | 0.814 | ng    | 97       |
| 33) Chrysene                  | 21.420 | 228  | 2389     | 0.814 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 3313     | 0.863 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.084 | 276  | 3560     | 0.839 | ng    | # 71     |
| 37) Benzo(b)fluoranthene      | 23.005 | 252  | 2721     | 0.822 | ng    | # 87     |
| 38) Benzo(k)fluoranthene      | 23.052 | 252  | 2764     | 0.816 | ng    | 89       |
| 39) Benzo(a)pyrene            | 23.610 | 252  | 2496     | 0.826 | ng    | # 83     |
| 40) Dibenzo(a,h)anthracene    | 26.113 | 278  | 2660     | 0.824 | ng    | # 81     |
| 41) Benzo(g,h,i)perylene      | 26.820 | 276  | 3043     | 0.843 | ng    | 92       |

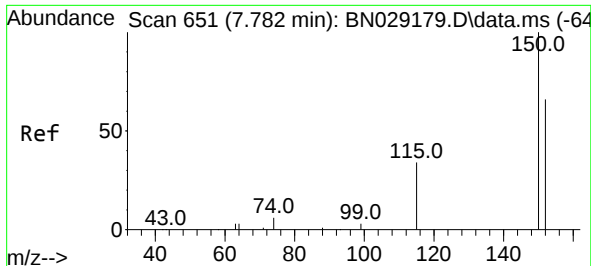
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122223\  
Data File : BN029180.D  
Acq On : 22 Dec 2023 16:54  
Operator : MA/JU  
Sample : SSTDICC0.8  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

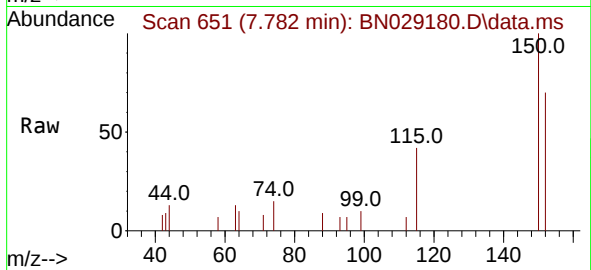
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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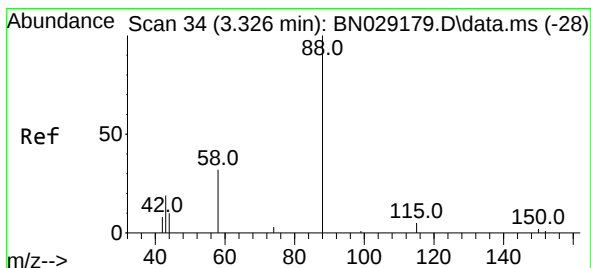
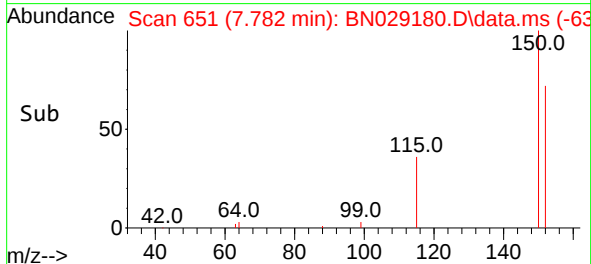
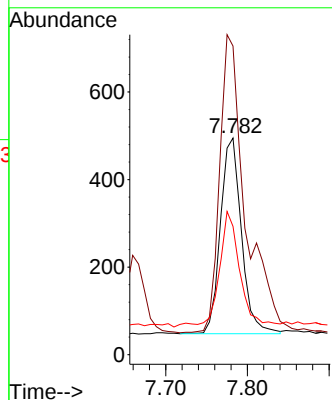
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.782 min Scan# 651  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8



Tgt Ion:152 Resp: 797

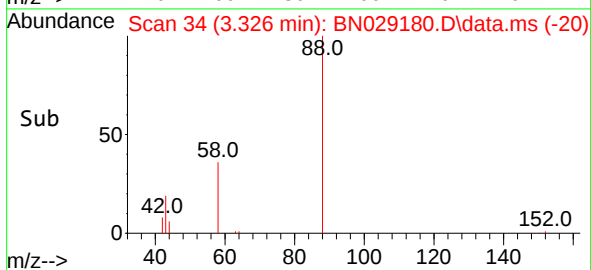
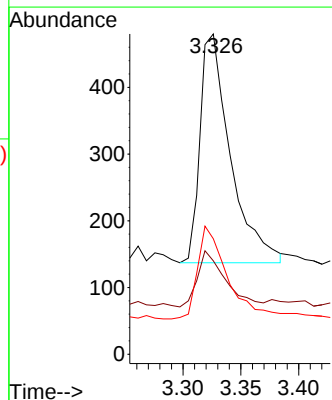
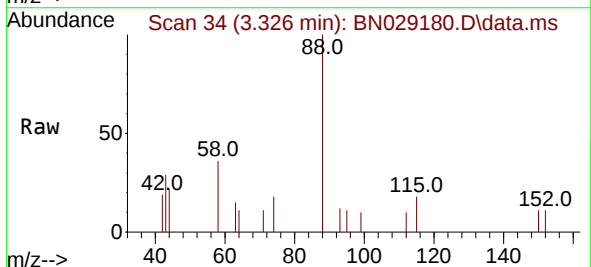
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 142.4 | 117.5 | 176.3 |
| 115 | 59.2  | 46.3  | 69.5  |

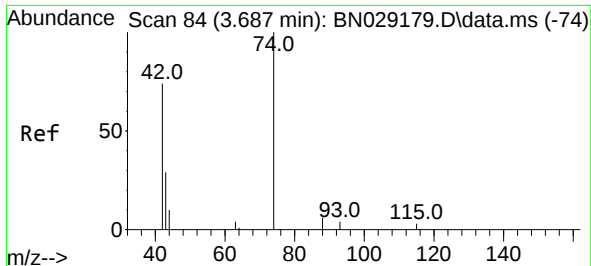


#2  
 1,4-Dioxane  
 Concen: 0.891 ng  
 RT: 3.326 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Tgt Ion: 88 Resp: 627

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 22.5  | 19.1  | 28.7  |
| 58  | 39.9  | 28.2  | 42.4  |

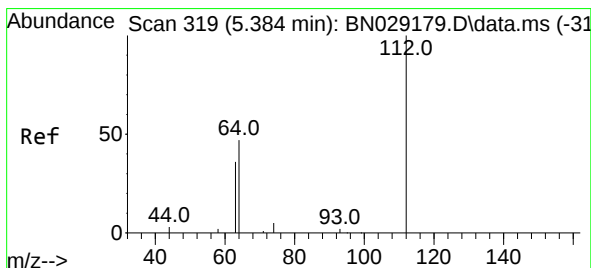
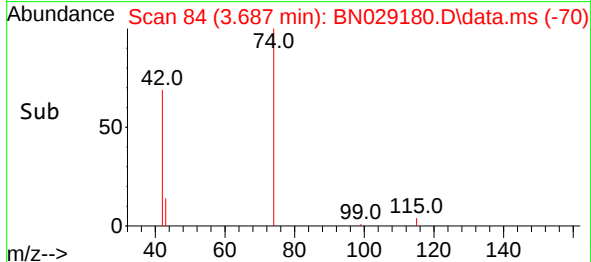
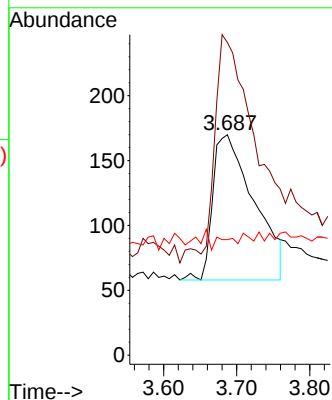
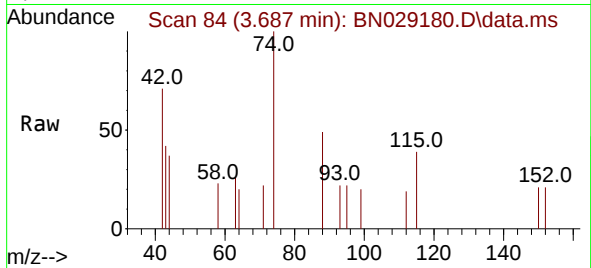




#3  
n-Nitrosodimethylamine  
Concen: 0.810 ng  
RT: 3.687 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

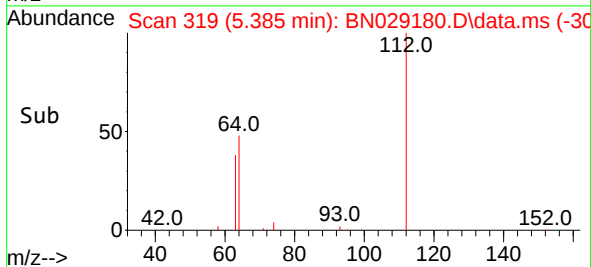
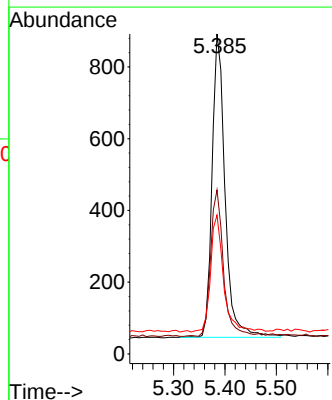
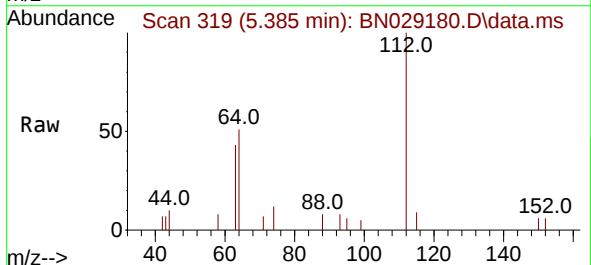
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

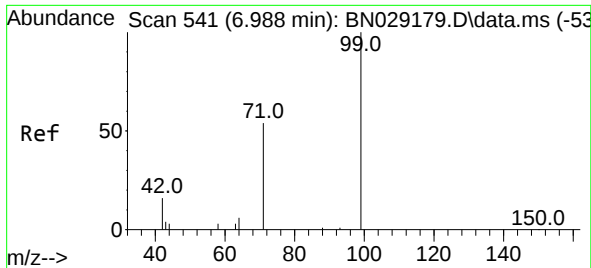
Tgt Ion: 42 Resp: 439  
Ion Ratio Lower Upper  
42 100  
74 141.0 95.1 142.7  
44 2.5 7.6 11.4#



#4  
2-Fluorophenol  
Concen: 0.815 ng  
RT: 5.385 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion: 112 Resp: 1482  
Ion Ratio Lower Upper  
112 100  
64 47.6 37.8 56.6  
63 38.7 29.4 44.0

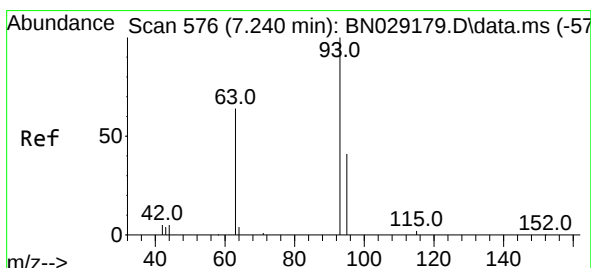
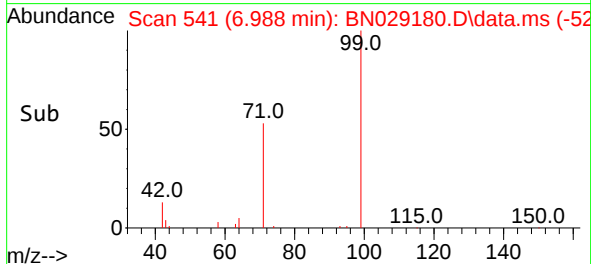
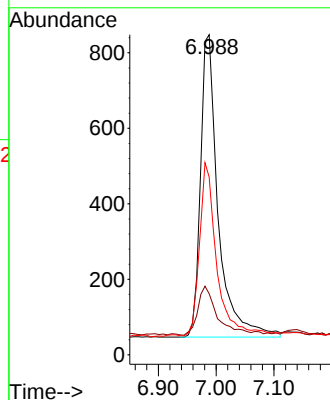
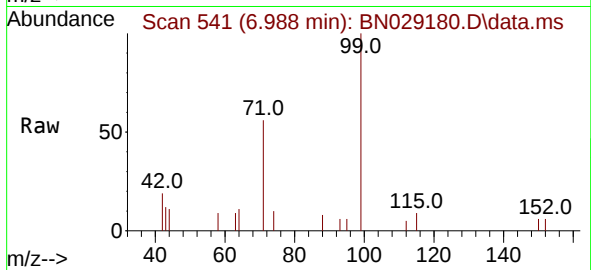




#5  
Phenol-d6  
Concen: 0.837 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

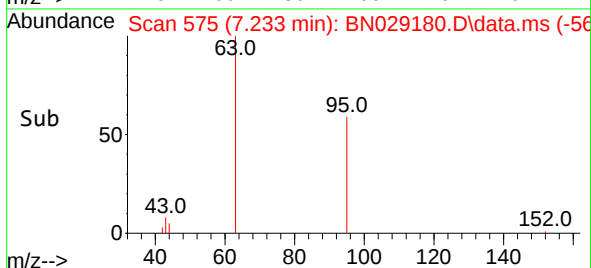
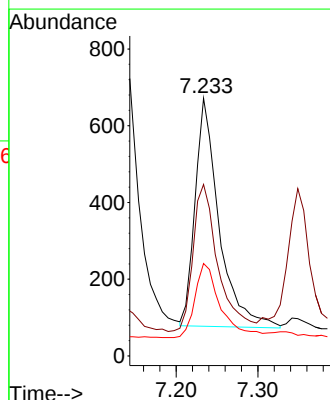
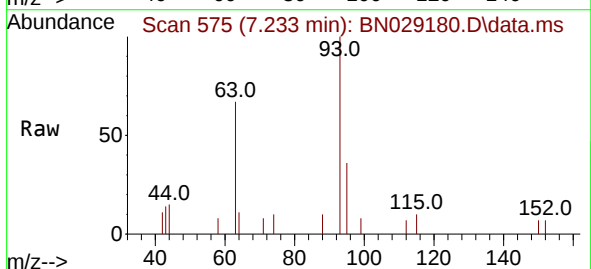
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

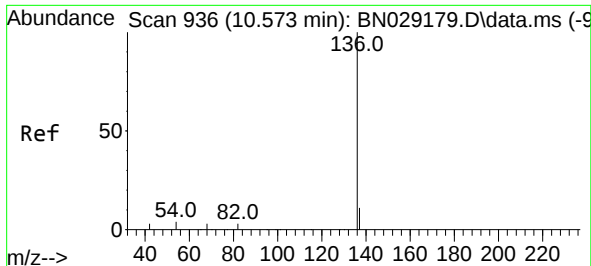
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1707  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.6  | 16.8  | 25.2  |
| 71       | 56.0  | 43.4  | 65.2  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.844 ng  
RT: 7.233 min Scan# 575  
Delta R.T. -0.007 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1209  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 67.7  | 58.4  | 87.6  |
| 95       | 34.8  | 29.2  | 43.8  |

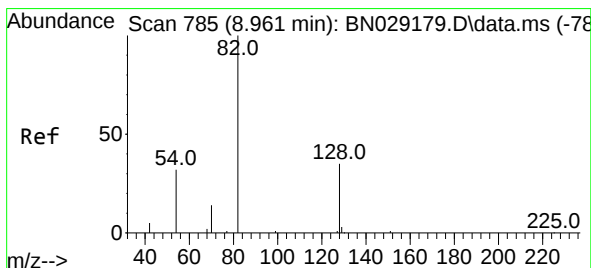
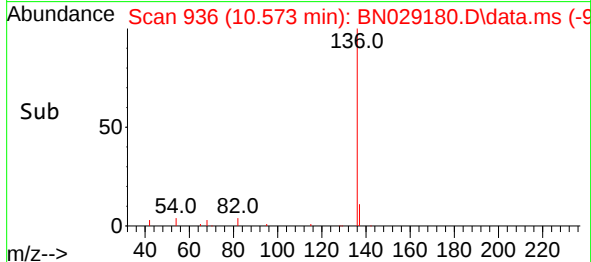
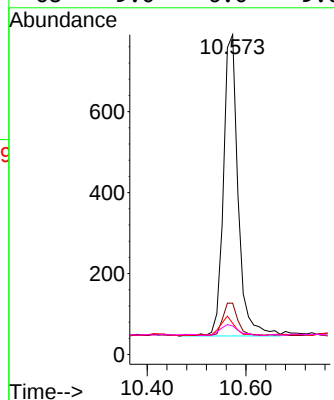
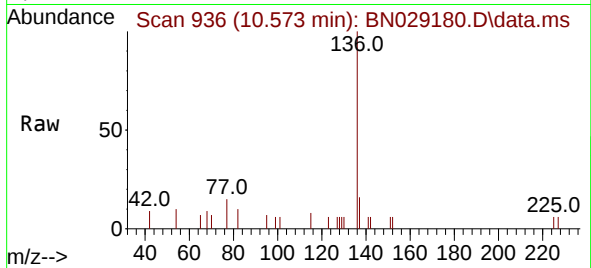




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

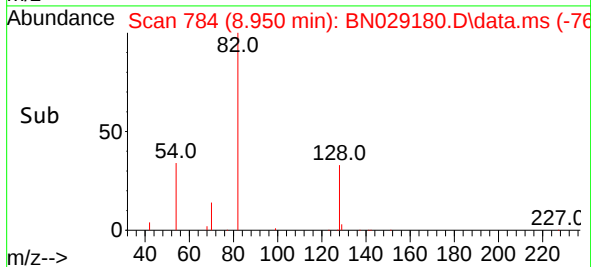
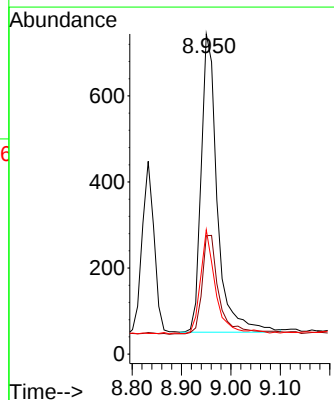
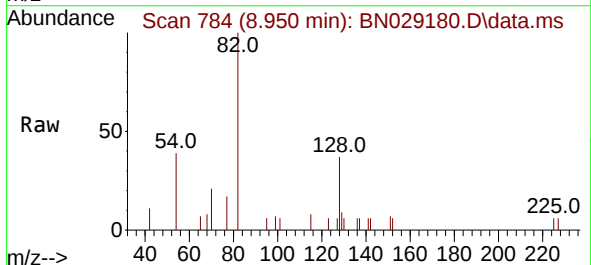
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

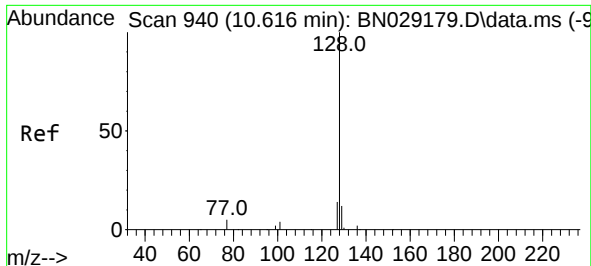
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1535  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.1  | 12.1  | 18.1  |
| 54       | 9.7   | 7.2   | 10.8  |
| 68       | 9.0   | 6.0   | 9.0   |



#8  
Nitrobenzene-d5  
Concen: 0.813 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.011 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1570  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.0  | 34.5  | 51.7  |
| 54       | 38.8  | 33.4  | 50.0  |

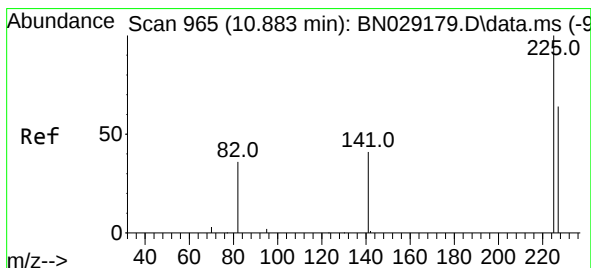
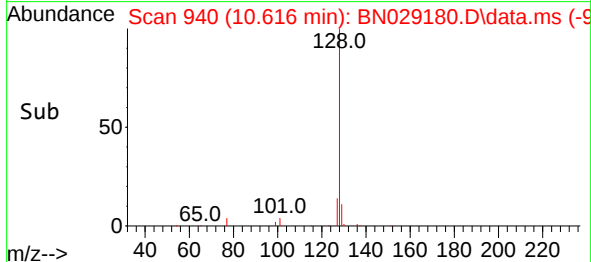
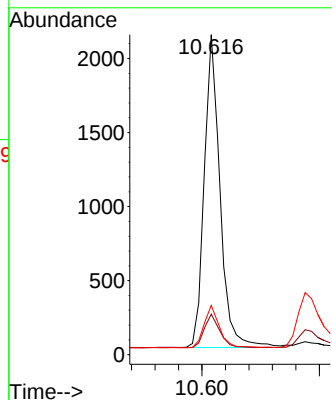
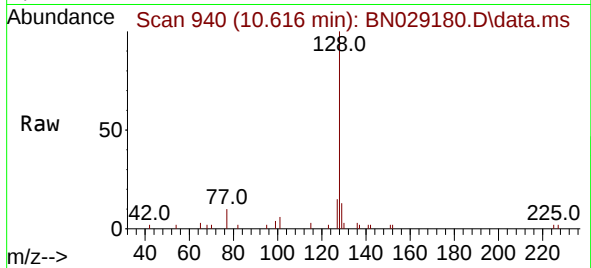




#9  
Naphthalene  
Concen: 0.834 ng  
RT: 10.616 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

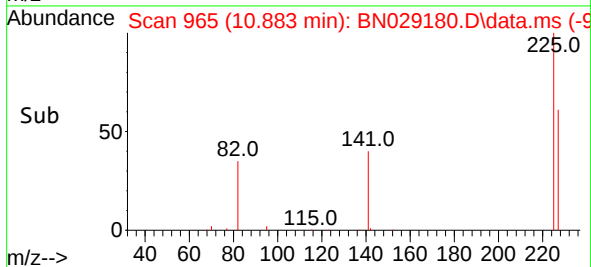
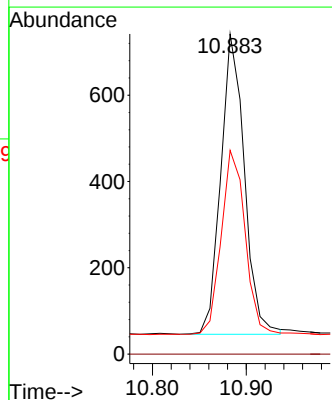
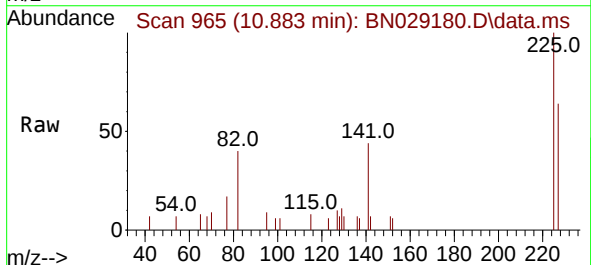
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

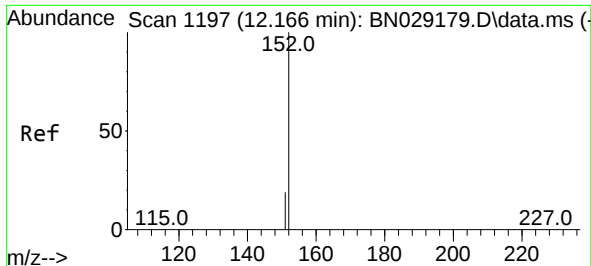
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Ion Ratio Lower Upper  
128 100  
129 12.6 13.0 19.6#  
127 15.4 14.4 21.6



#10  
Hexachlorobutadiene  
Concen: 0.833 ng  
RT: 10.883 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:225 Resp: 1215  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 61.9 50.4 75.6

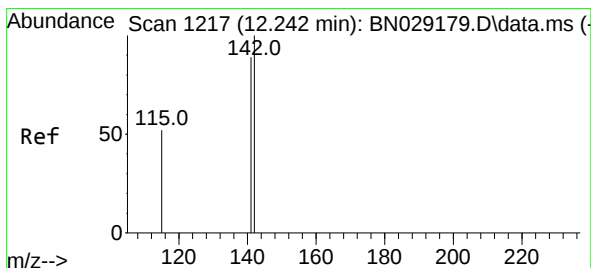
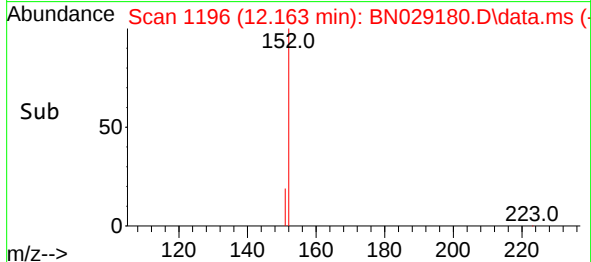
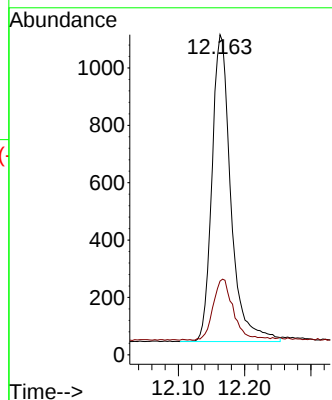
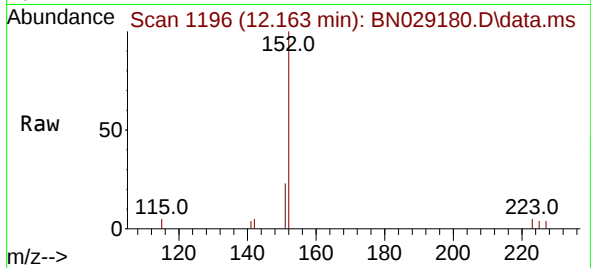




#11  
2-Methylnaphthalene-d10  
Concen: 0.844 ng  
RT: 12.163 min Scan# 1196  
Delta R.T. -0.004 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

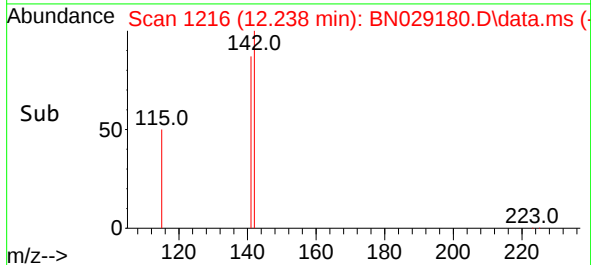
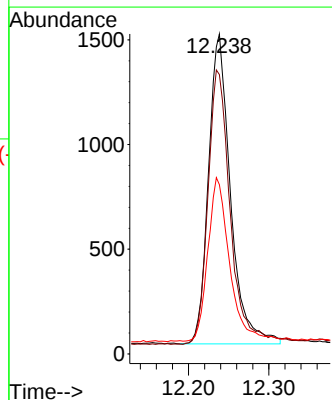
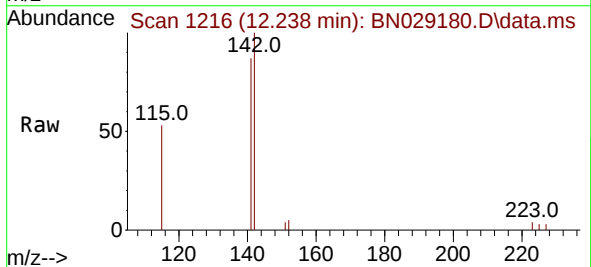
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

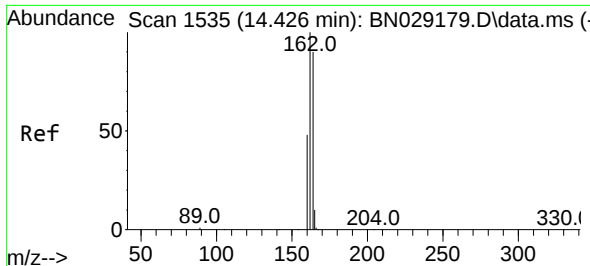
Tgt Ion:152 Resp: 2123  
Ion Ratio Lower Upper  
152 100  
151 21.4 17.4 26.0



#12  
2-Methylnaphthalene  
Concen: 0.838 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. -0.004 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:142 Resp: 2815  
Ion Ratio Lower Upper  
142 100  
141 87.3 71.9 107.9  
115 52.9 46.1 69.1

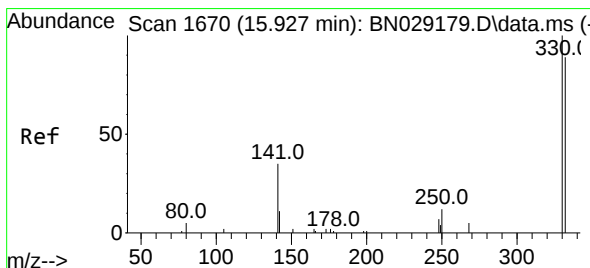
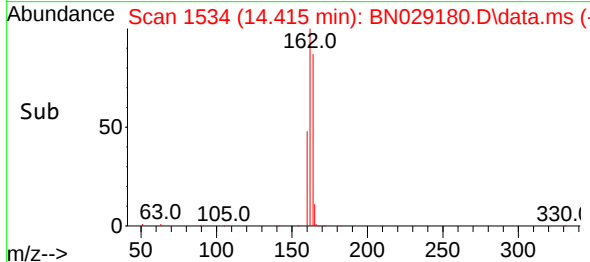
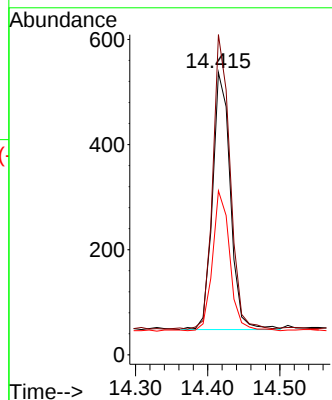
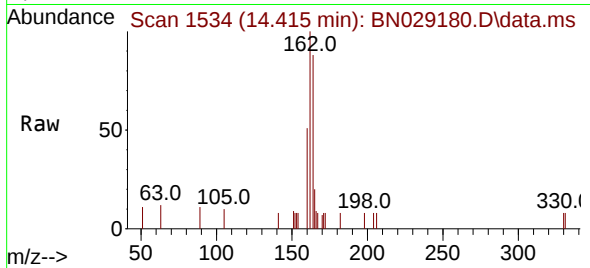




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.415 min Scan# 1534  
 Delta R.T. -0.011 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

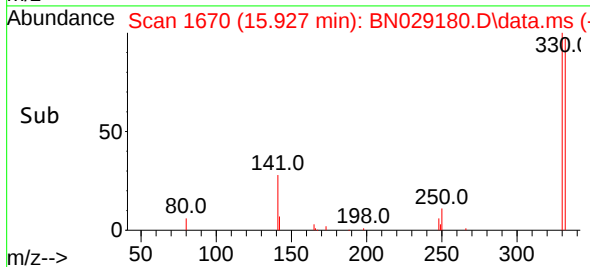
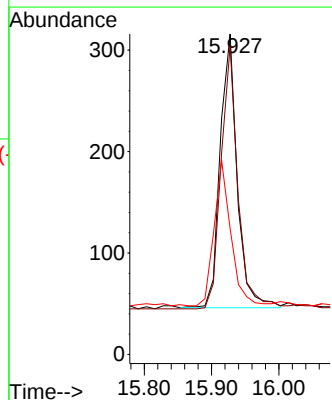
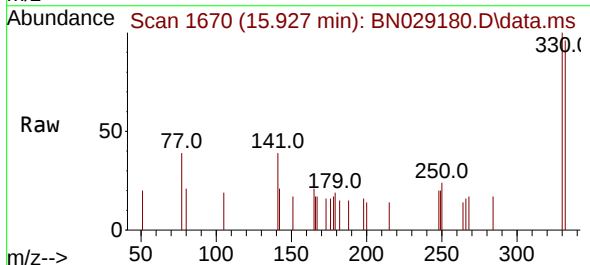
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

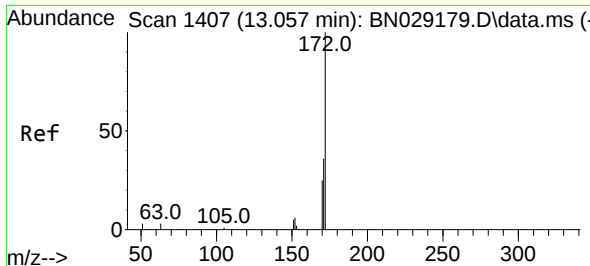
Tgt Ion:164 Resp: 842  
 Ion Ratio Lower Upper  
 164 100  
 162 113.4 88.2 132.2  
 160 58.1 44.9 67.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.768 ng  
 RT: 15.927 min Scan# 1670  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Tgt Ion:330 Resp: 474  
 Ion Ratio Lower Upper  
 330 100  
 332 94.7 77.6 116.4  
 141 51.9 40.2 60.2

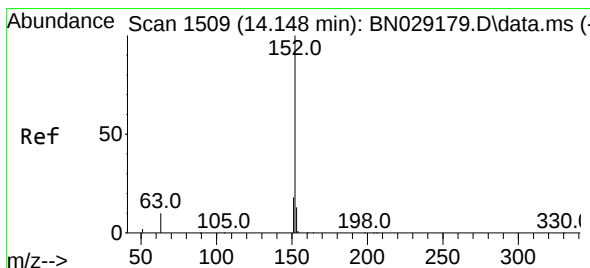
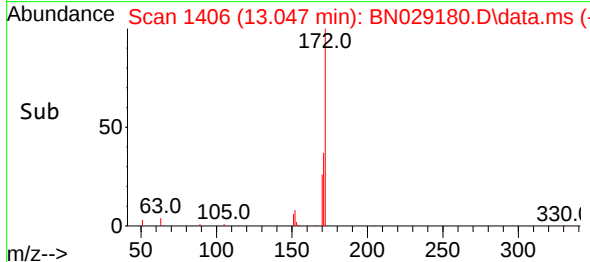
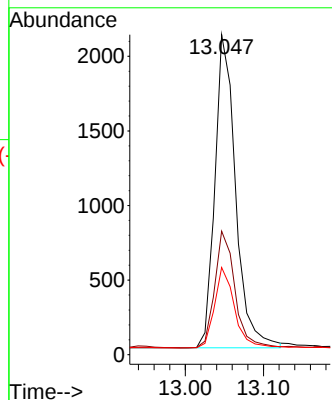
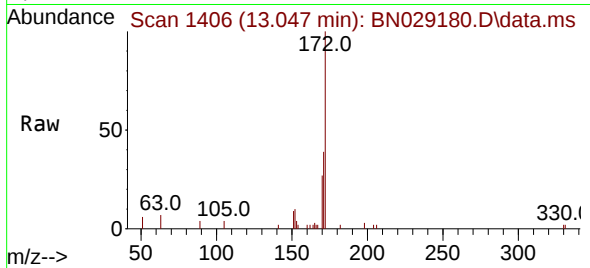




#15  
2-Fluorobiphenyl  
Concen: 0.812 ng  
RT: 13.047 min Scan# 1407  
Delta R.T. -0.011 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

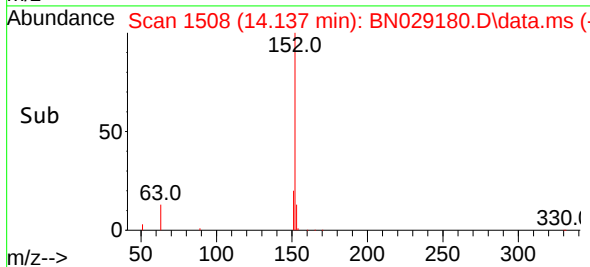
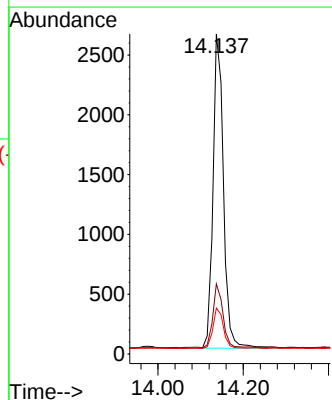
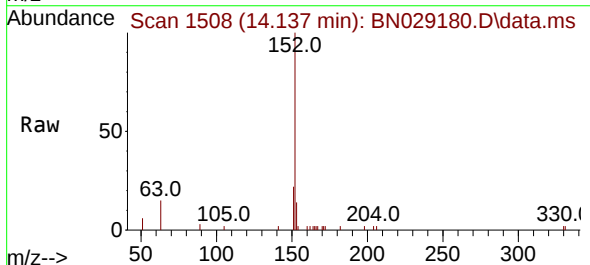
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

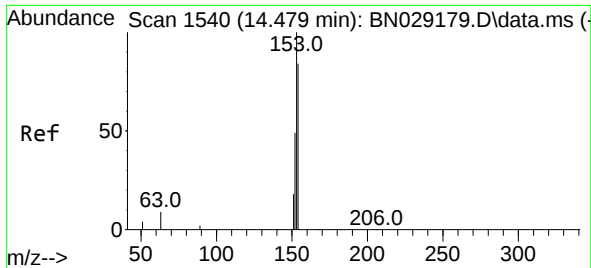
Tgt Ion:172 Resp: 3866  
Ion Ratio Lower Upper  
172 100  
171 38.6 31.4 47.0  
170 27.3 22.8 34.2



#16  
Acenaphthylene  
Concen: 0.804 ng  
RT: 14.137 min Scan# 1508  
Delta R.T. -0.011 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:152 Resp: 4477  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.1 22.7  
153 12.9 10.3 15.5

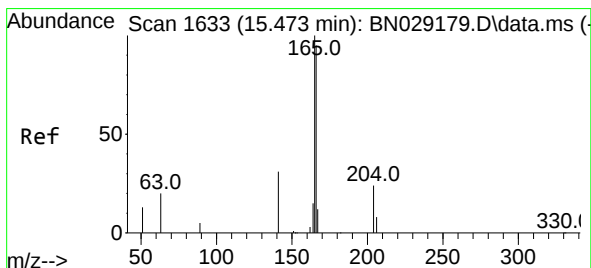
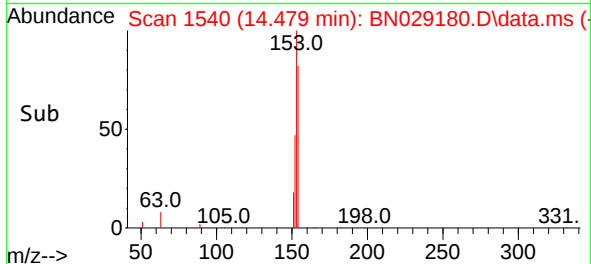
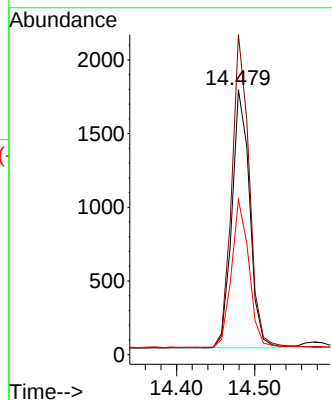
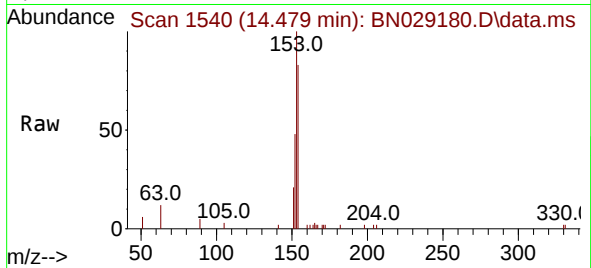




#17  
Acenaphthene  
Concen: 0.809 ng  
RT: 14.479 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

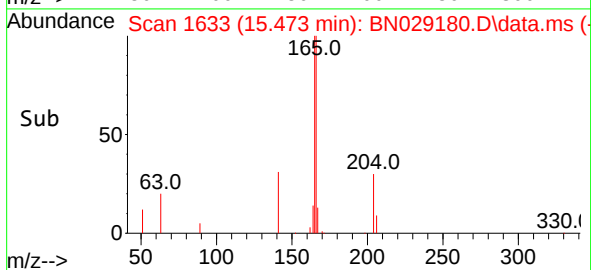
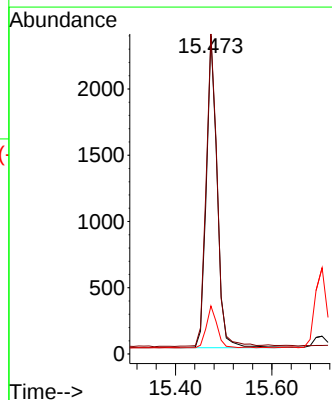
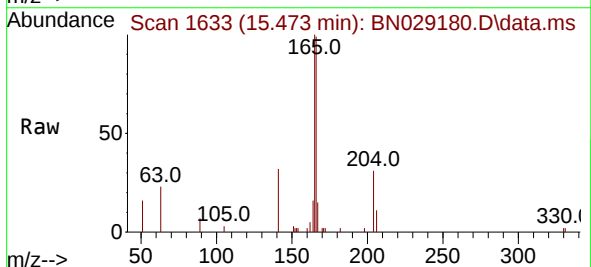
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

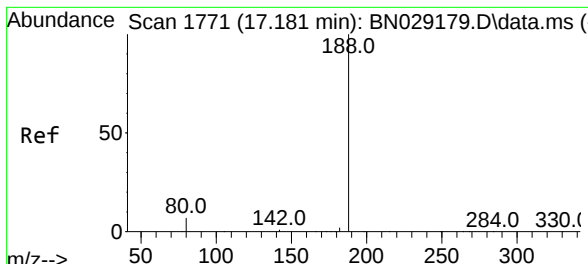
Tgt Ion:154 Resp: 2760  
Ion Ratio Lower Upper  
154 100  
153 120.1 96.8 145.2  
152 56.7 46.1 69.1



#18  
Fluorene  
Concen: 0.818 ng  
RT: 15.473 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:166 Resp: 3929  
Ion Ratio Lower Upper  
166 100  
165 99.7 80.0 120.0  
167 13.2 10.4 15.6

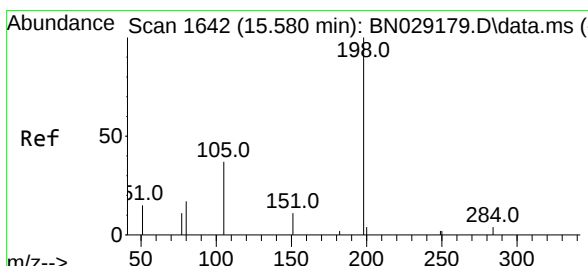
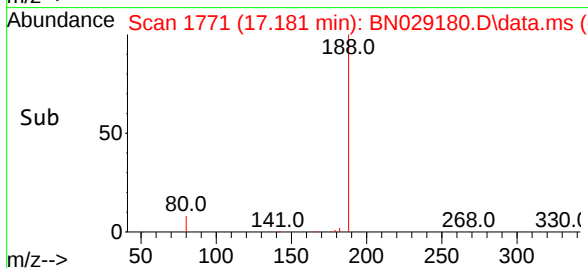
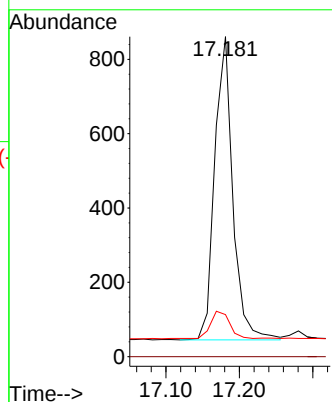
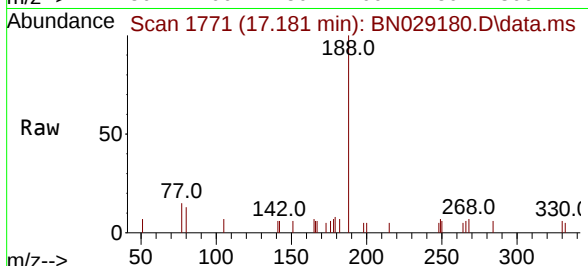




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.181 min Scan# 1771  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

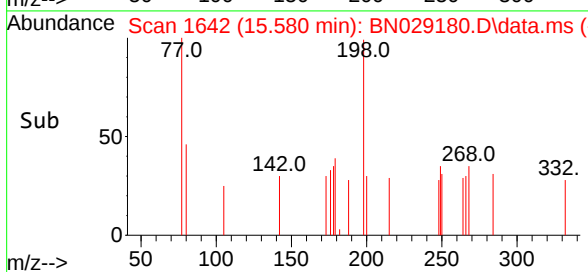
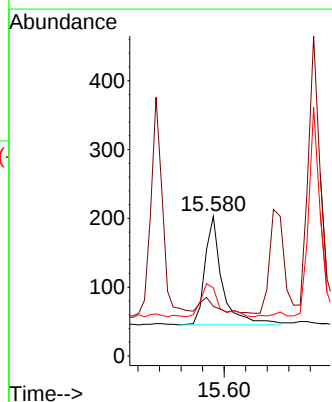
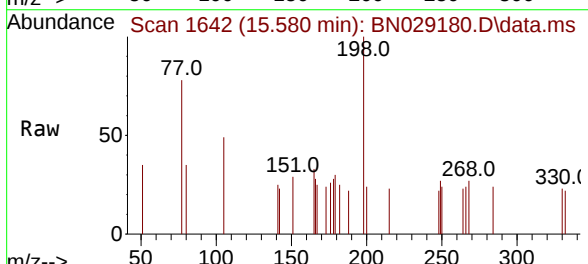
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

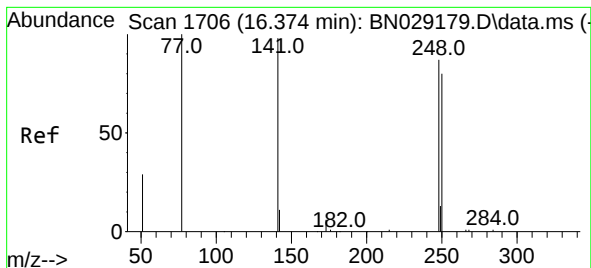
Tgt Ion:188 Resp: 1397  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 8.9 13.3



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.739 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:198 Resp: 352  
Ion Ratio Lower Upper  
198 100  
51 35.5 56.0 84.0#  
105 48.8 61.6 92.4#

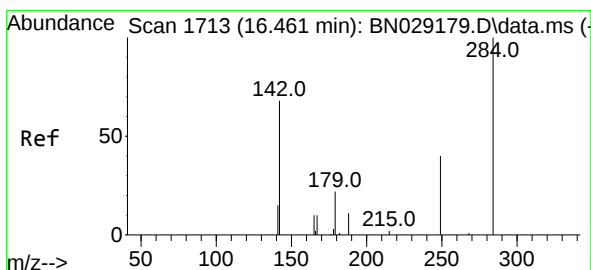
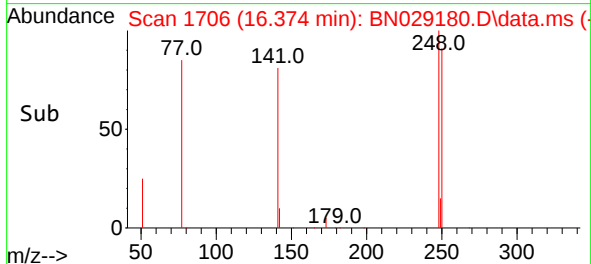
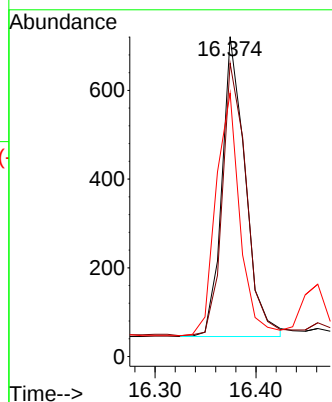
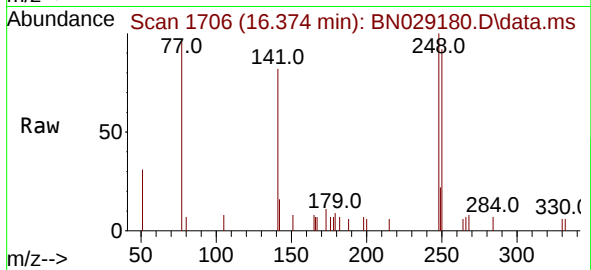




#21  
4-Bromophenyl-phenylether  
Concen: 0.827 ng  
RT: 16.374 min Scan# 1706  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

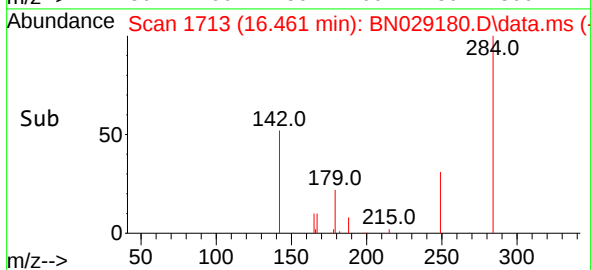
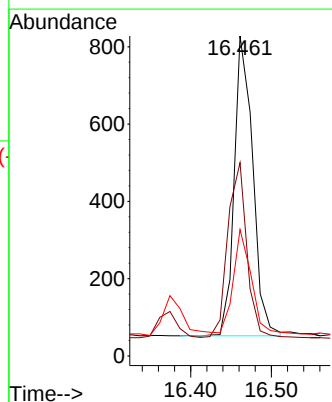
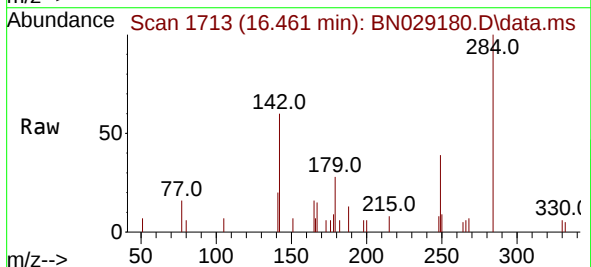
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

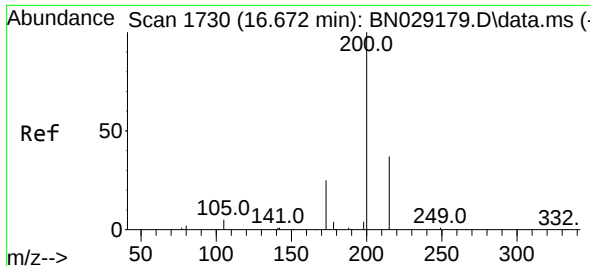
Tgt Ion:248 Resp: 1087  
Ion Ratio Lower Upper  
248 100  
250 91.7 75.7 113.5  
141 82.4 89.4 134.0#



#22  
Hexachlorobenzene  
Concen: 0.791 ng  
RT: 16.461 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:284 Resp: 1227  
Ion Ratio Lower Upper  
284 100  
142 59.9 47.4 71.0  
249 31.9 28.8 43.2

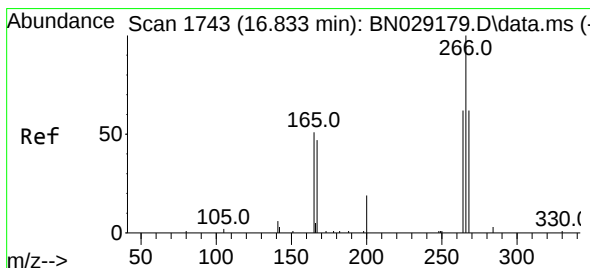
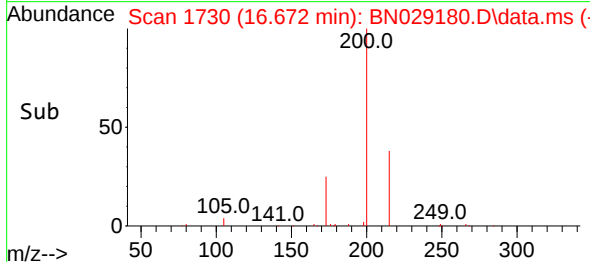
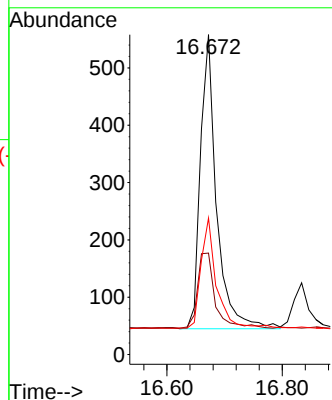
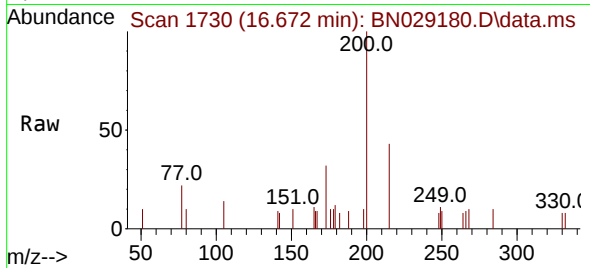




#23  
 Atrazine  
 Concen: 0.833 ng  
 RT: 16.672 min Scan# 1730  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

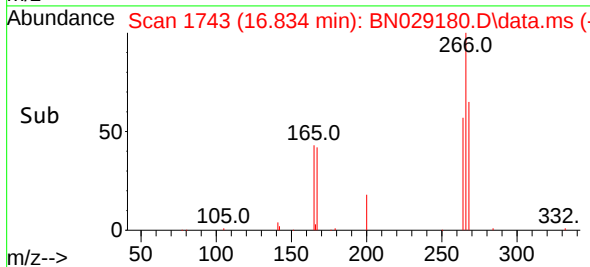
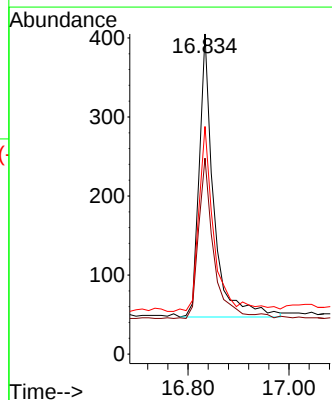
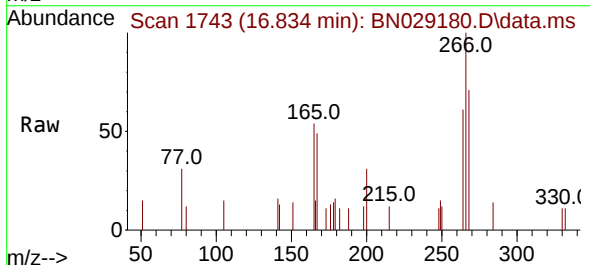
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

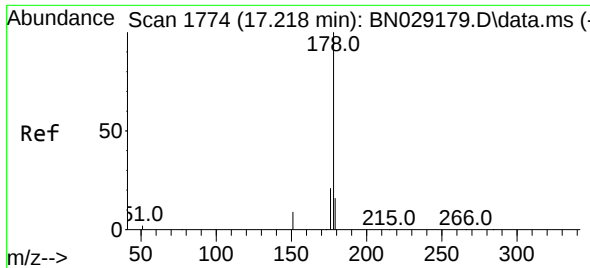
Tgt Ion:200 Resp: 996  
 Ion Ratio Lower Upper  
 200 100  
 173 31.7 30.5 45.7  
 215 42.7 37.8 56.6



#24  
 Pentachlorophenol  
 Concen: 0.795 ng  
 RT: 16.834 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Tgt Ion:266 Resp: 716  
 Ion Ratio Lower Upper  
 266 100  
 264 59.4 52.8 79.2  
 268 68.6 51.4 77.0

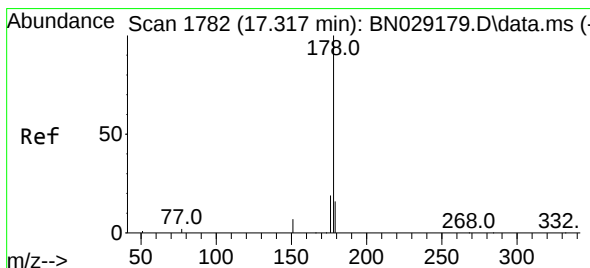
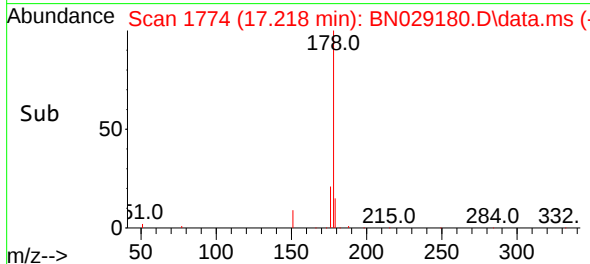
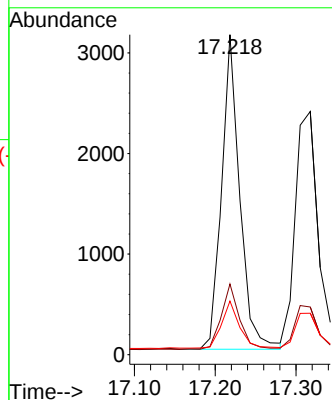
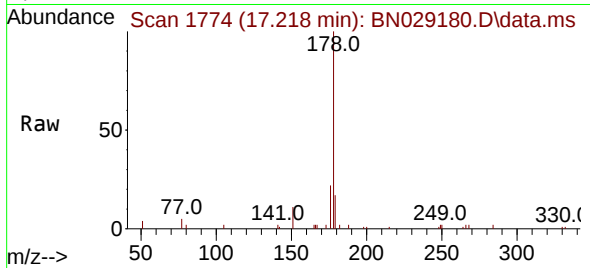




#25  
Phenanthrene  
Concen: 0.799 ng  
RT: 17.218 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

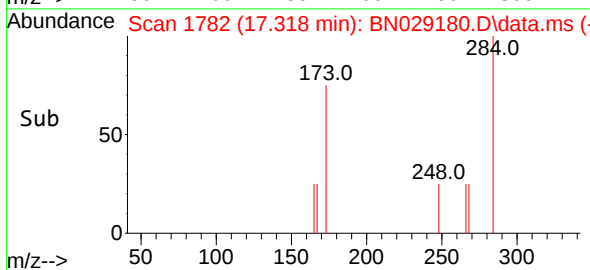
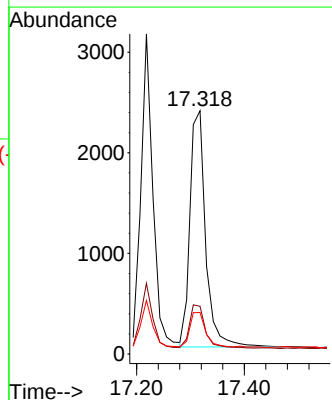
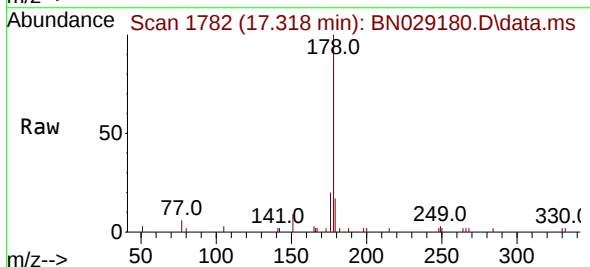
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

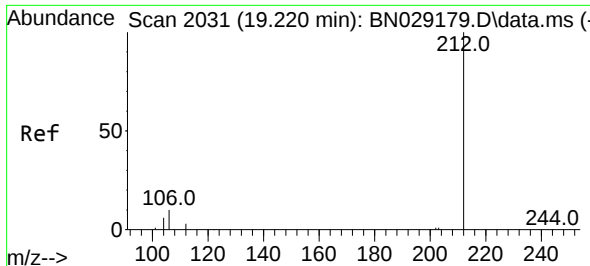
Tgt Ion:178 Resp: 4891  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.6 25.0  
179 14.8 12.2 18.4



#26  
Anthracene  
Concen: 0.809 ng  
RT: 17.318 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:178 Resp: 4756  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.8 23.8  
179 14.3 11.9 17.9

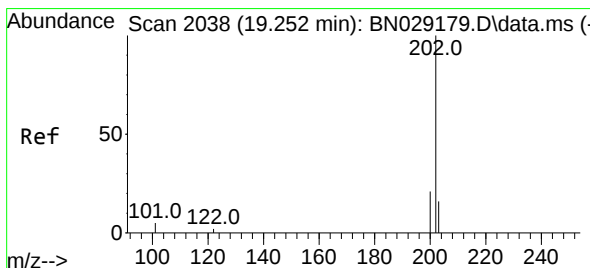
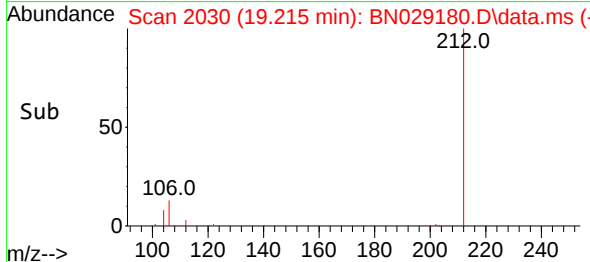
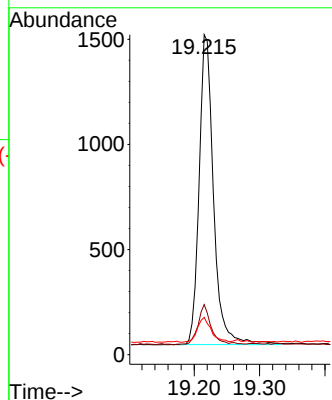
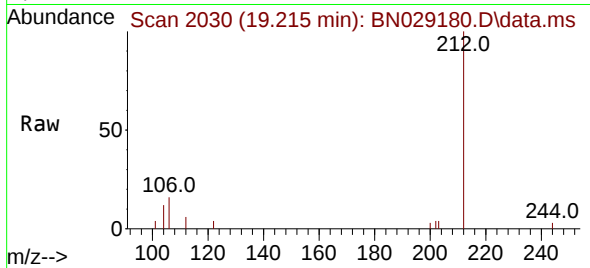




#27  
Fluoranthene-d10  
Concen: 0.773 ng  
RT: 19.215 min Scan# 2030  
Delta R.T. -0.005 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

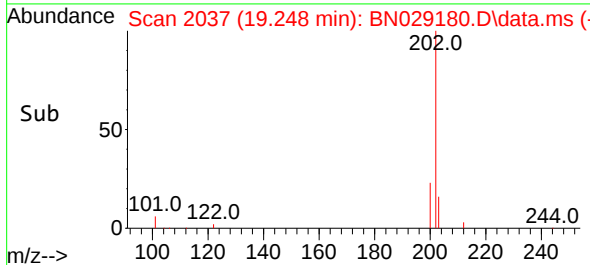
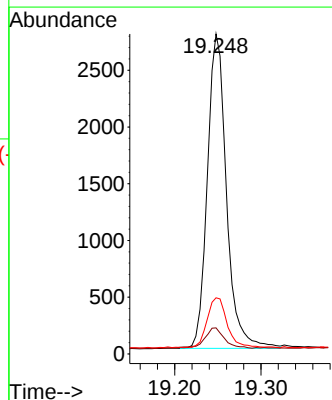
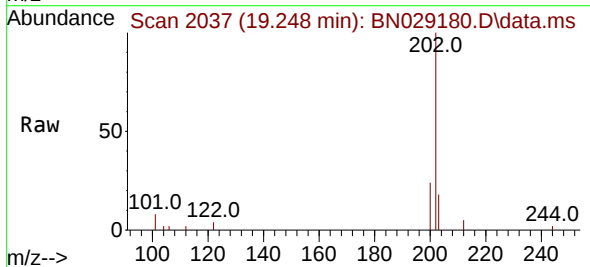
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

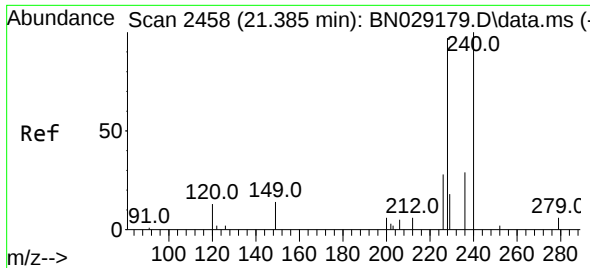
Tgt Ion:212 Resp: 2253  
Ion Ratio Lower Upper  
212 100  
106 12.0 9.6 14.4  
104 7.5 5.8 8.6



#28  
Fluoranthene  
Concen: 0.781 ng  
RT: 19.248 min Scan# 2037  
Delta R.T. -0.005 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:202 Resp: 4279  
Ion Ratio Lower Upper  
202 100  
101 6.8 4.5 6.7#  
203 16.8 13.7 20.5

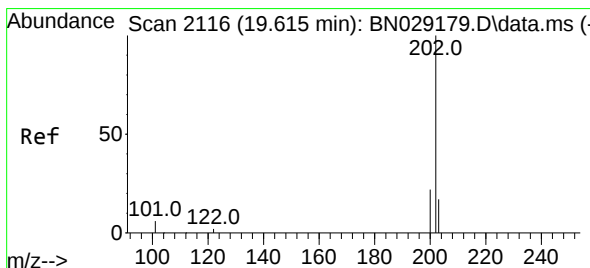
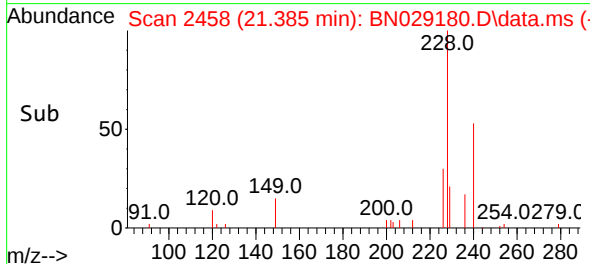
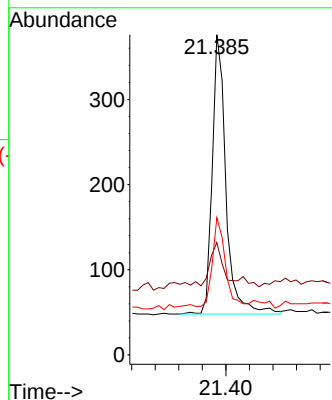
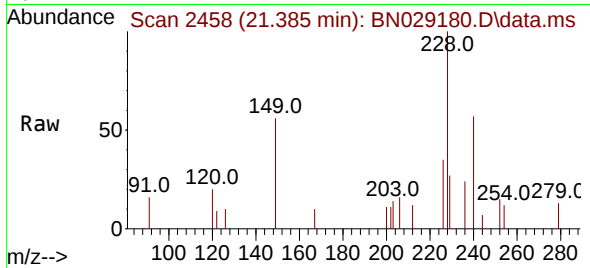




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.385 min Scan# 2458  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

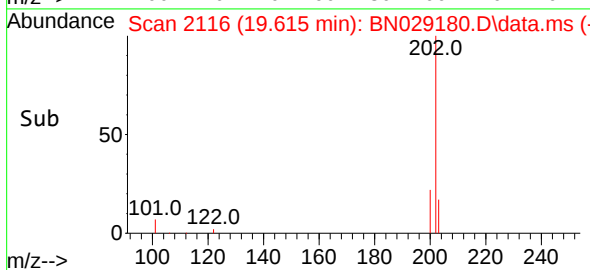
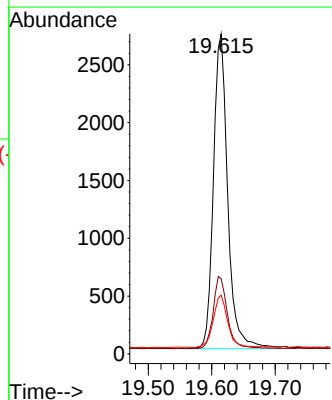
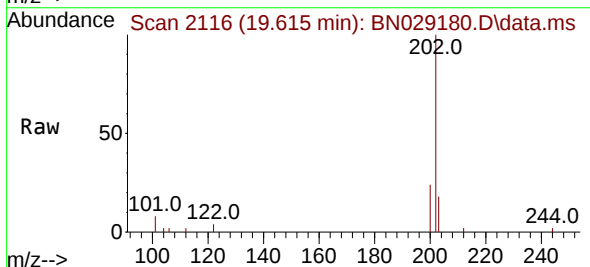
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

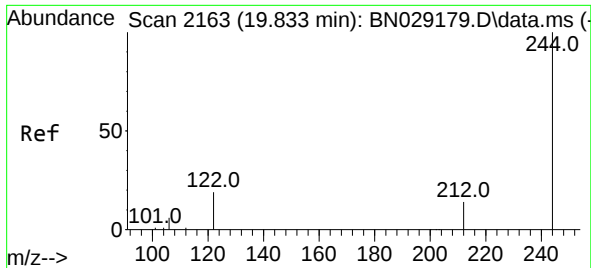
Tgt Ion:240 Resp: 531  
Ion Ratio Lower Upper  
240 100  
120 35.1 23.9 35.9  
236 42.8 31.3 46.9



#30  
Pyrene  
Concen: 0.850 ng  
RT: 19.615 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:202 Resp: 4252  
Ion Ratio Lower Upper  
202 100  
200 22.8 17.4 26.2  
203 16.8 13.8 20.8

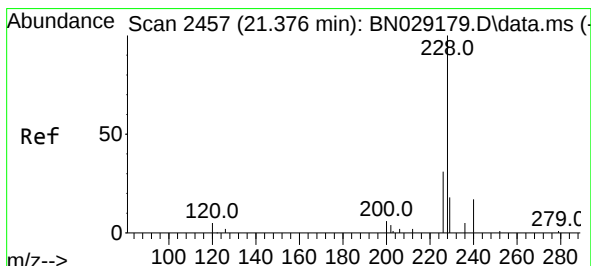
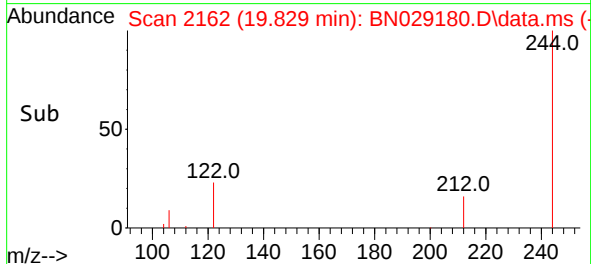
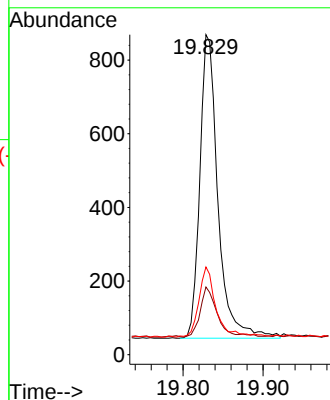
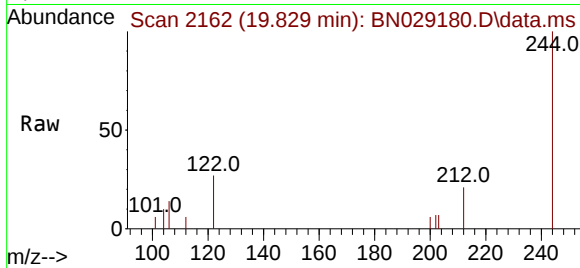




#31  
 Terphenyl-d14  
 Concen: 0.837 ng  
 RT: 19.829 min Scan# 2162  
 Delta R.T. -0.005 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

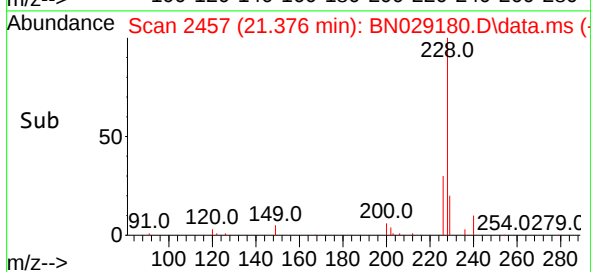
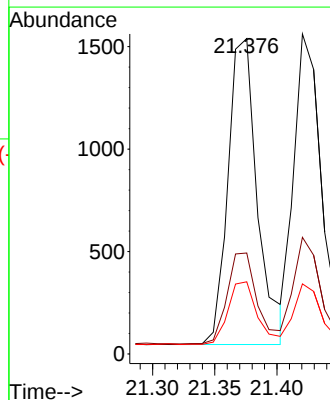
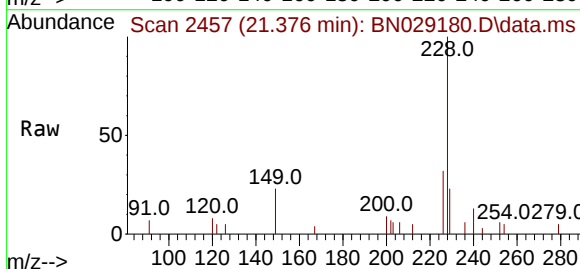
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

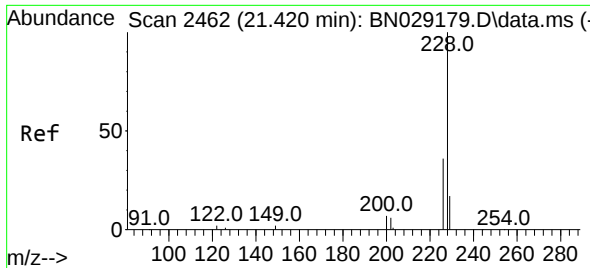
Tgt Ion:244 Resp: 1295  
 Ion Ratio Lower Upper  
 244 100  
 212 21.2 18.9 28.3  
 122 27.4 22.5 33.7



#32  
 Benzo(a)anthracene  
 Concen: 0.814 ng  
 RT: 21.376 min Scan# 2457  
 Delta R.T. 0.000 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Tgt Ion:228 Resp: 2455  
 Ion Ratio Lower Upper  
 228 100  
 226 32.0 27.8 41.6  
 229 22.9 18.0 27.0

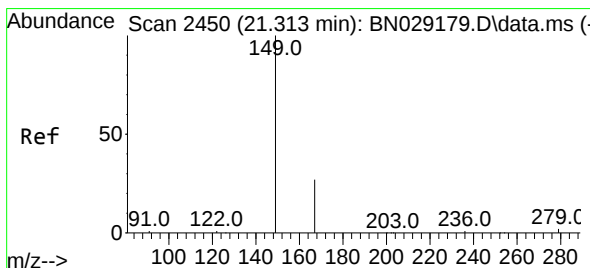
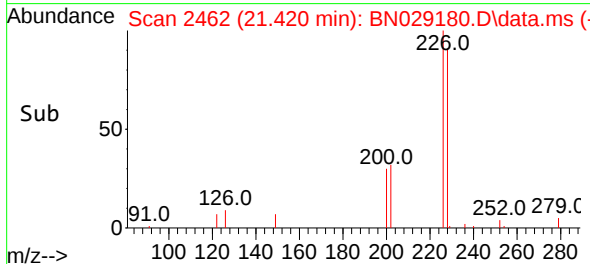
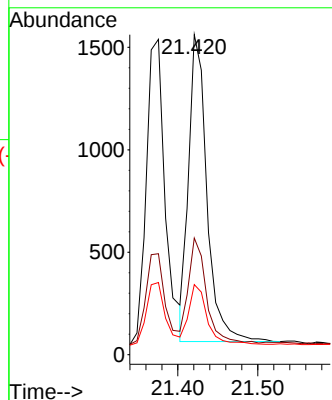
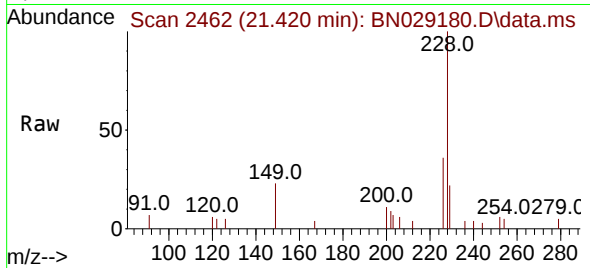




#33  
Chrysene  
Concen: 0.814 ng  
RT: 21.420 min Scan# 2462  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

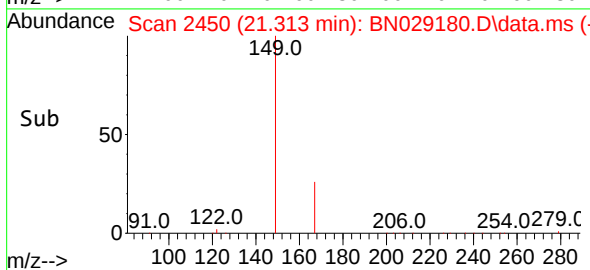
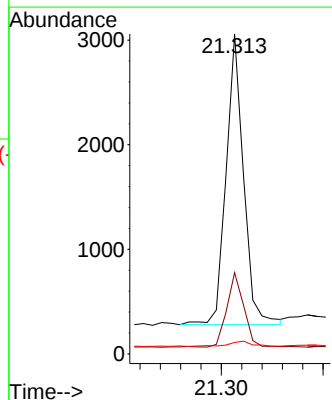
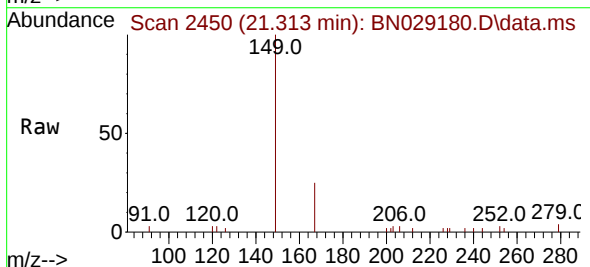
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

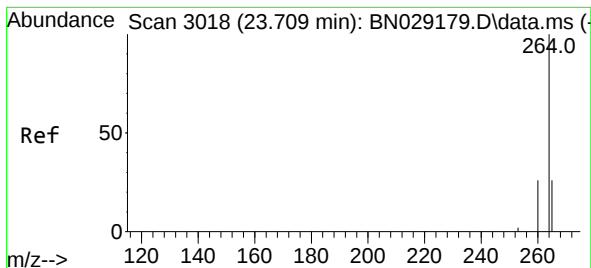
Tgt Ion:228 Resp: 2389  
Ion Ratio Lower Upper  
228 100  
226 36.4 32.0 48.0  
229 21.9 17.7 26.5



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.863 ng  
RT: 21.313 min Scan# 2450  
Delta R.T. -0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:149 Resp: 3313  
Ion Ratio Lower Upper  
149 100  
167 25.4 20.8 31.2  
279 2.3 1.7 2.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.707 min Scan# 3018

Delta R.T. -0.003 min

Lab File: BN029180.D

Acq: 22 Dec 2023 16:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

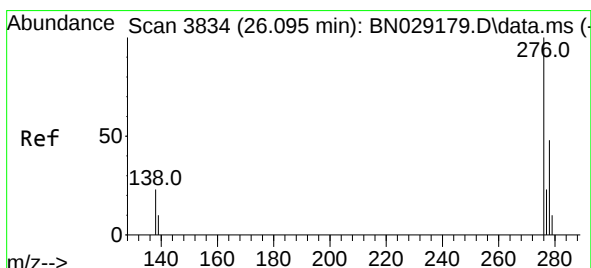
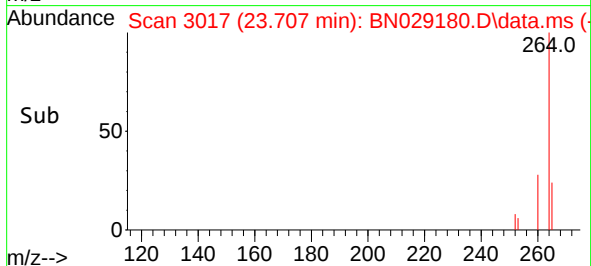
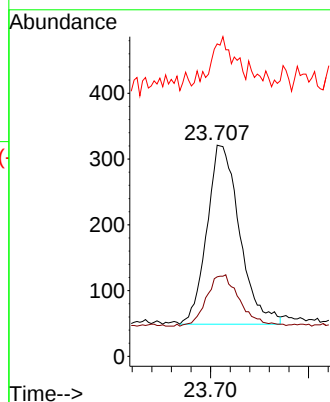
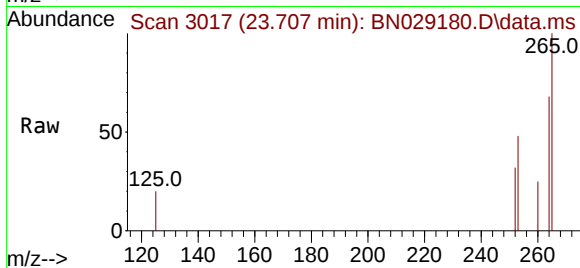
Tgt Ion:264 Resp: 630

Ion Ratio Lower Upper

264 100

260 37.7 27.1 40.7

265 148.0 99.4 149.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.839 ng

RT: 26.084 min Scan# 3830

Delta R.T. -0.012 min

Lab File: BN029180.D

Acq: 22 Dec 2023 16:54

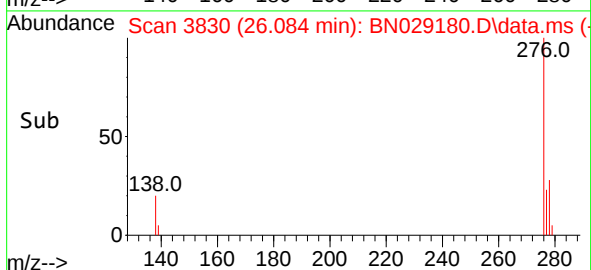
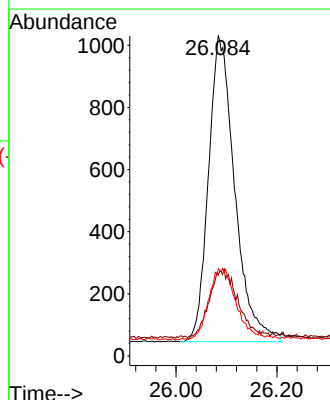
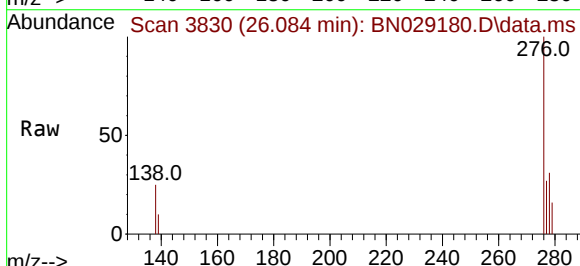
Tgt Ion:276 Resp: 3560

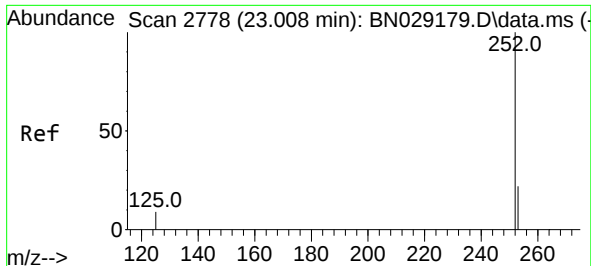
Ion Ratio Lower Upper

276 100

138 23.9 6.9 10.3#

277 11.2 18.4 27.6#

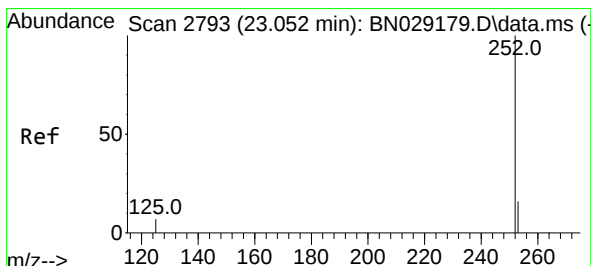
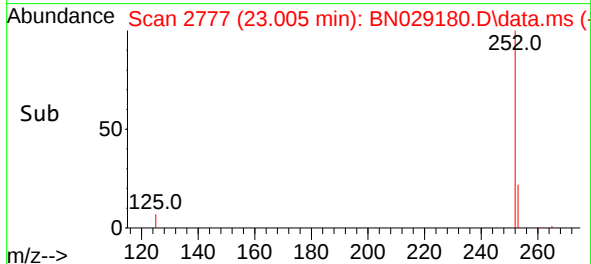
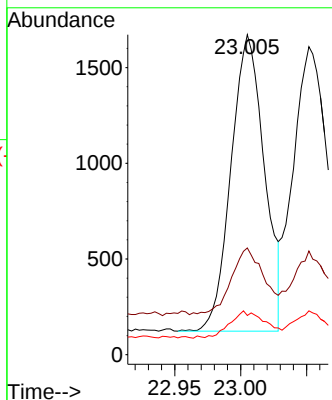
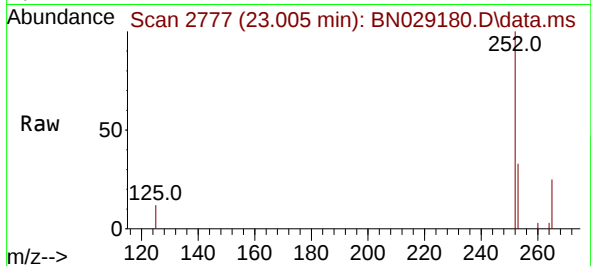




#37  
Benzo(b)fluoranthene  
Concen: 0.822 ng  
RT: 23.005 min Scan# 2777  
Delta R.T. -0.003 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

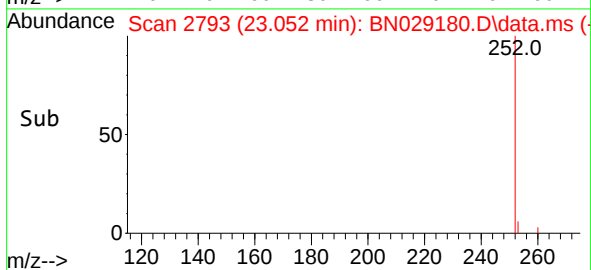
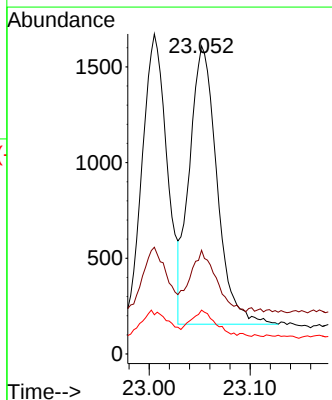
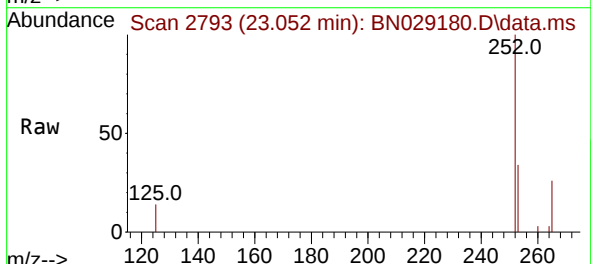
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

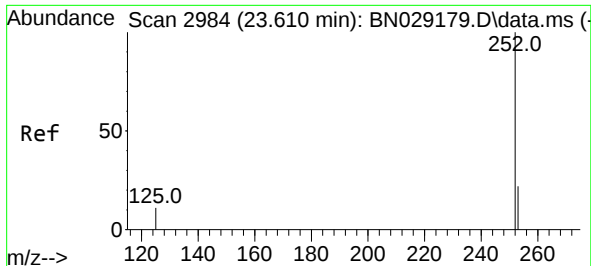
Tgt Ion:252 Resp: 2721  
Ion Ratio Lower Upper  
252 100  
253 33.4 33.4 50.0  
125 12.3 14.6 21.8#



#38  
Benzo(k)fluoranthene  
Concen: 0.816 ng  
RT: 23.052 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: BN029180.D  
Acq: 22 Dec 2023 16:54

Tgt Ion:252 Resp: 2764  
Ion Ratio Lower Upper  
252 100  
253 33.7 33.3 49.9  
125 14.2 14.0 21.0





#39

Benzo(a)pyrene

Concen: 0.826 ng

RT: 23.610 min Scan# 2984

Delta R.T. 0.000 min

Lab File: BN029180.D

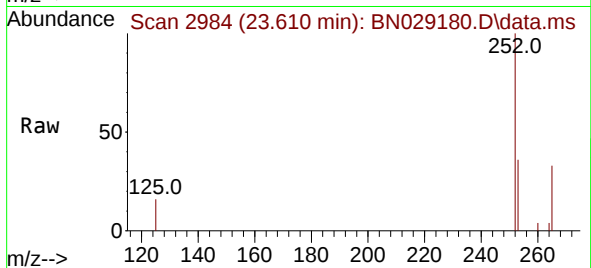
Acq: 22 Dec 2023 16:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8



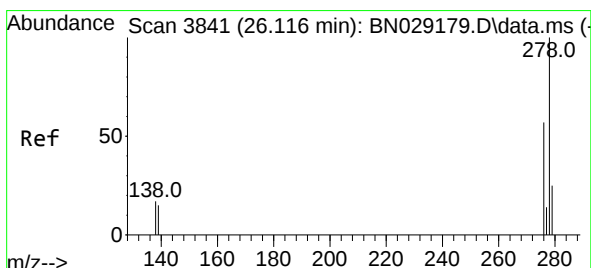
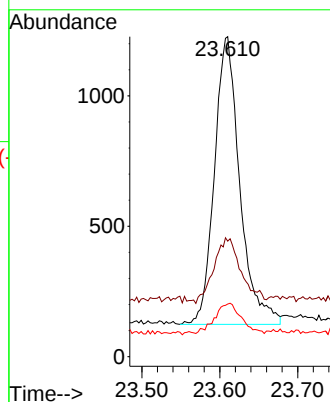
Tgt Ion:252 Resp: 2496

Ion Ratio Lower Upper

252 100

253 36.1 39.7 59.5#

125 16.5 17.9 26.9#



#40

Dibenzo(a,h)anthracene

Concen: 0.824 ng

RT: 26.113 min Scan# 3840

Delta R.T. -0.003 min

Lab File: BN029180.D

Acq: 22 Dec 2023 16:54

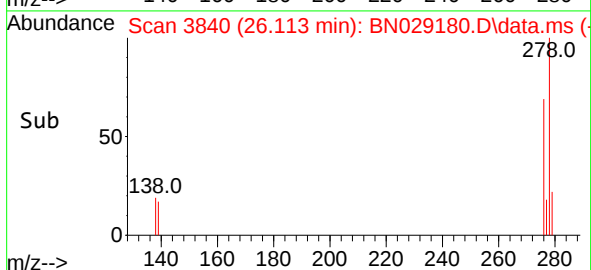
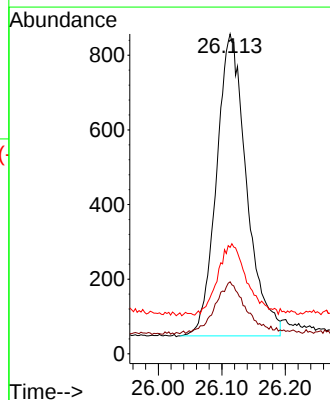
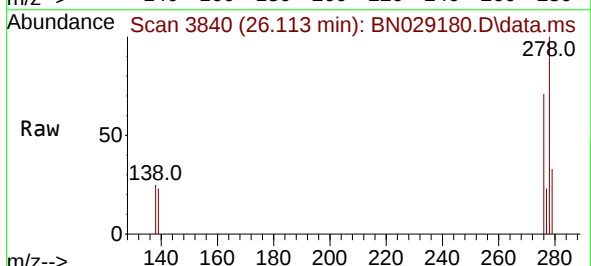
Tgt Ion:278 Resp: 2660

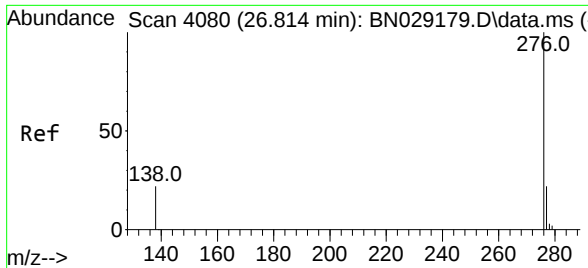
Ion Ratio Lower Upper

278 100

139 22.5 21.8 32.6

279 33.3 39.9 59.9#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.843 ng  
 RT: 26.820 min Scan# 4082  
 Delta R.T. 0.006 min  
 Lab File: BN029180.D  
 Acq: 22 Dec 2023 16:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 3043  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 27.5  | 24.2  | 36.4  |
| 138      | 26.0  | 25.5  | 38.3  |

