

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091022\  
 Data File : BN021694.D  
 Acq On : 10 Sep 2022 12:10  
 Operator : CG/JU  
 Sample : N4508-05  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-01-180-200-090122

Quant Time: Sep 12 01:08:36 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 09 23:19:14 2022  
 Response via : Initial Calibration

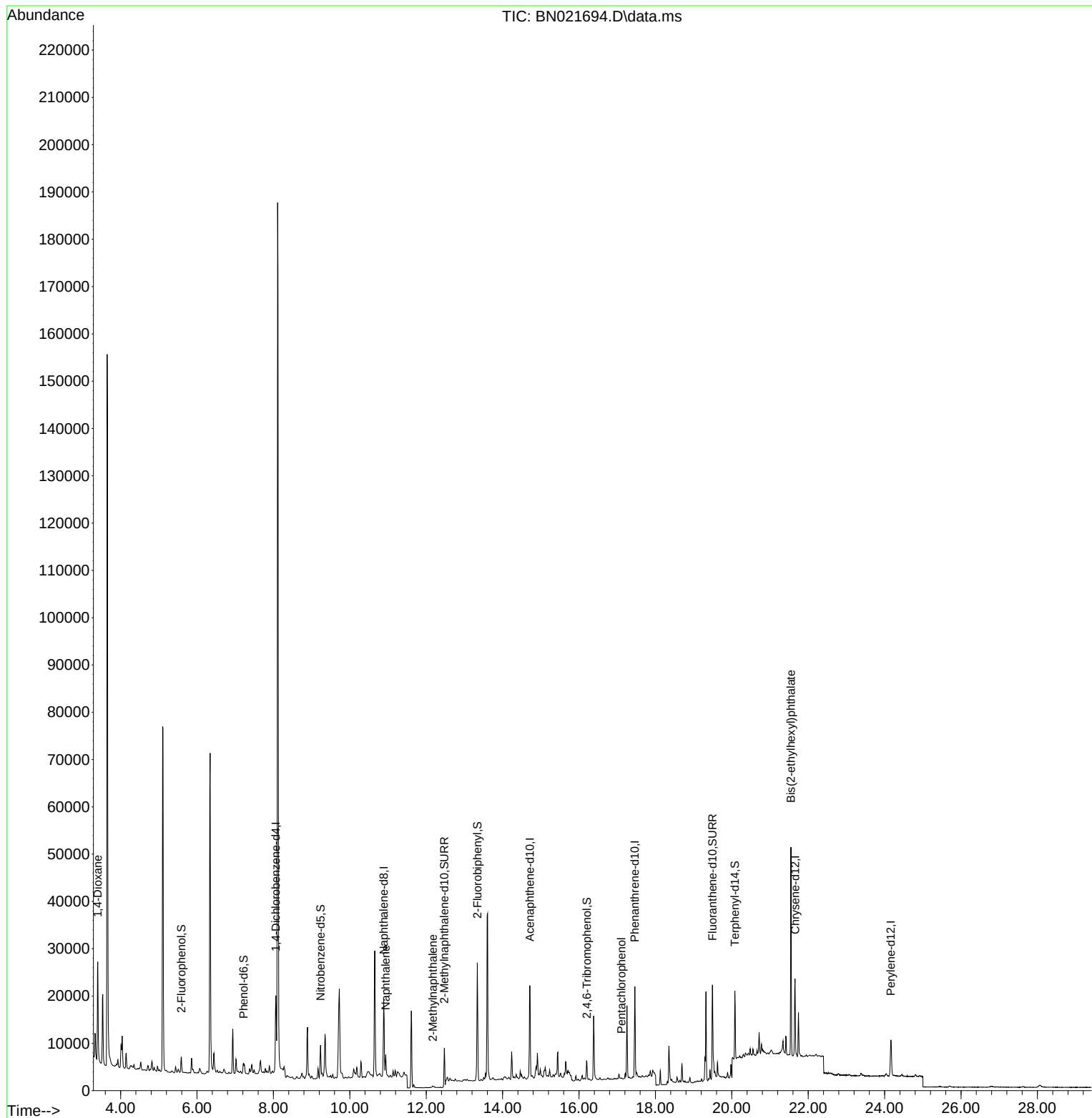
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.062  | 152  | 6333     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.888 | 136  | 21839    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.718 | 164  | 12244    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.460 | 188  | 24544    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.655 | 240  | 15327    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.162 | 264  | 11657    | 0.400 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.592  | 112  | 2515     | 0.203 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.217  | 99   | 2066     | 0.131 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.233  | 82   | 5635     | 0.382 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.475 | 152  | 13248    | 0.269 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.208 | 330  | 2323     | 0.578 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.339 | 172  | 20501    | 0.383 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.493 | 212  | 20469    | 0.324 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.079 | 244  | 11814    | 0.343 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.403  | 88   | 14385    | 1.816 | ng    | # 92     |
| 9) Naphthalene                | 10.941 | 128  | 4799     | 0.074 | ng    | 95       |
| 12) 2-Methylnaphthalene       | 12.176 | 142  | 193      | 0.145 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.111 | 266  | 79       | 0.216 | ng    | 90       |
| 34) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 37297    | 1.734 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

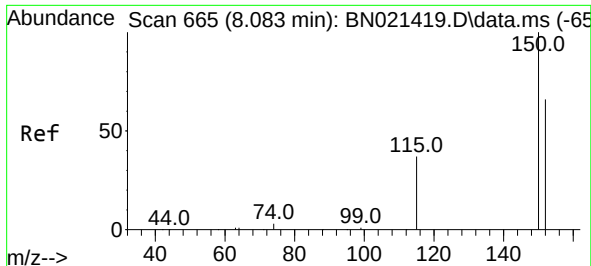
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091022\  
Data File : BN021694.D  
Acq On : 10 Sep 2022 12:10  
Operator : CG/JU  
Sample : N4508-05  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
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BR-01-180-200-090122

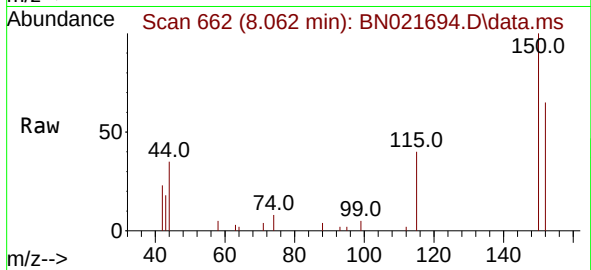
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 09 23:19:14 2022  
Response via : Initial Calibration



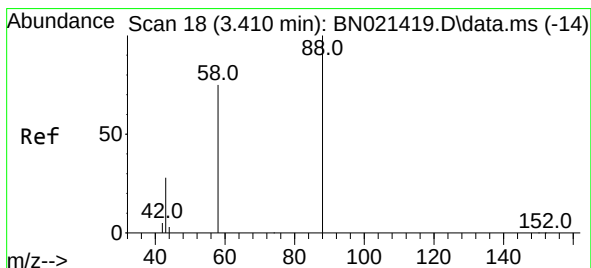
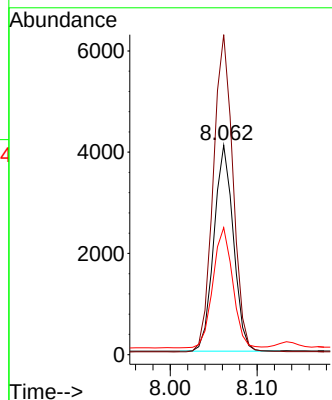
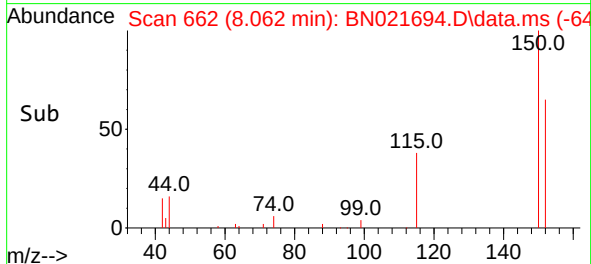


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.062 min Scan# 6  
 Delta R.T. -0.000 min  
 Lab File: BN021694.D  
 Acq: 10 Sep 2022 12:10

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-01-180-200-090122

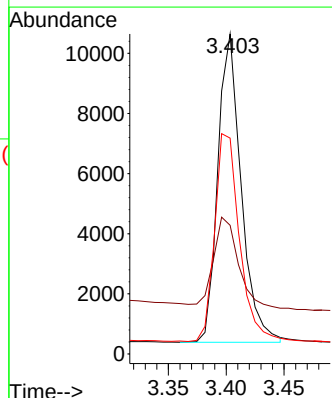
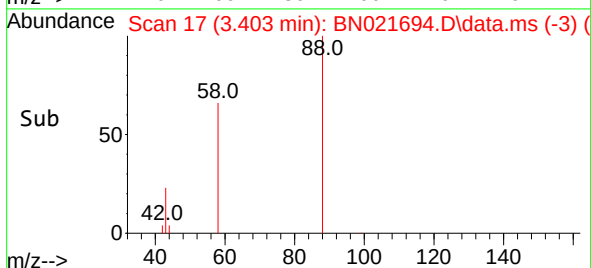
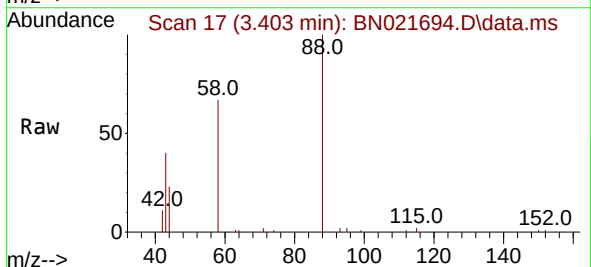


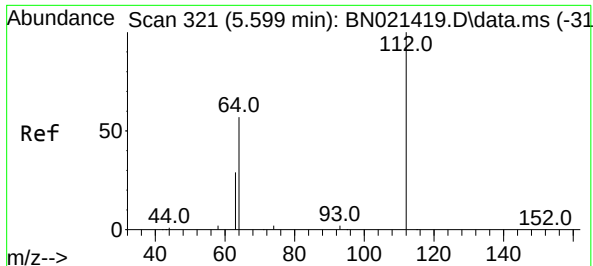
Tgt Ion:152 Resp: 6333  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 121.4 182.0  
 115 60.7 48.6 72.8



#2  
 1,4-Dioxane  
 Concen: 1.816 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. 0.000 min  
 Lab File: BN021694.D  
 Acq: 10 Sep 2022 12:10

Tgt Ion: 88 Resp: 14385  
 Ion Ratio Lower Upper  
 88 100  
 43 31.7 35.8 53.8#  
 58 71.3 57.1 85.7

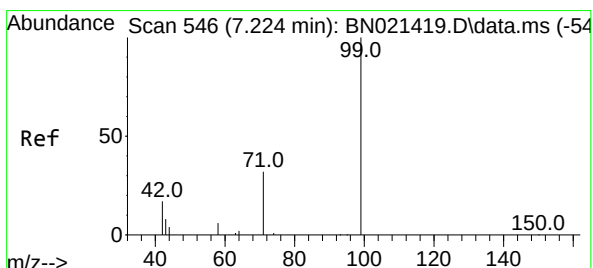
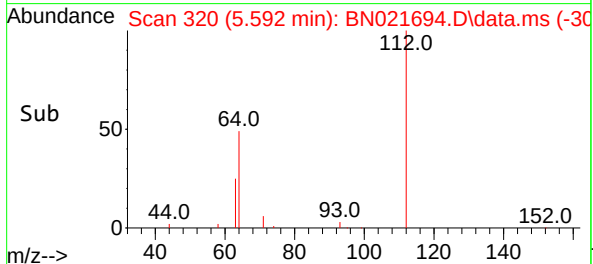
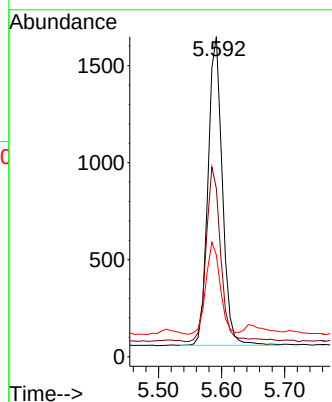
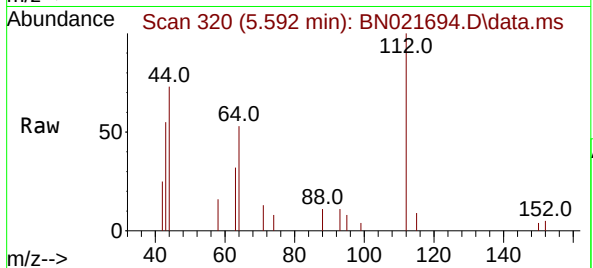




#4  
2-Fluorophenol  
Concen: 0.203 ng  
RT: 5.592 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

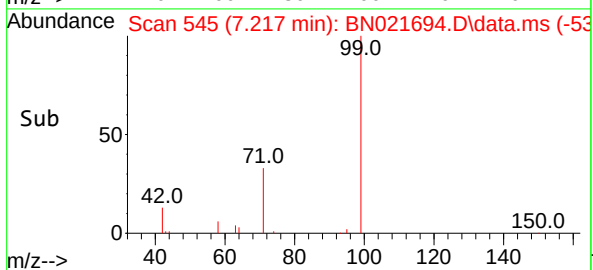
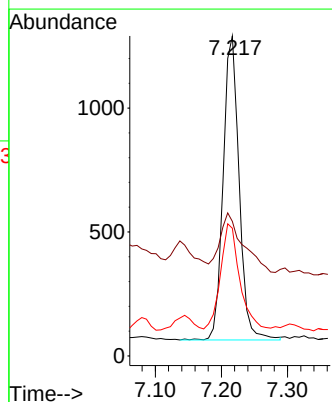
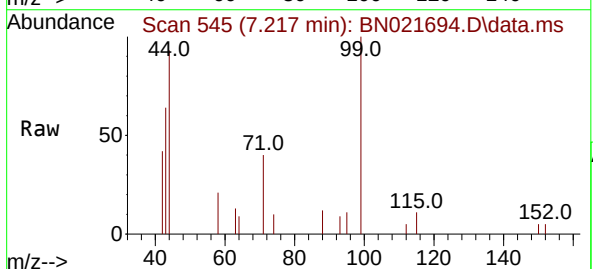
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

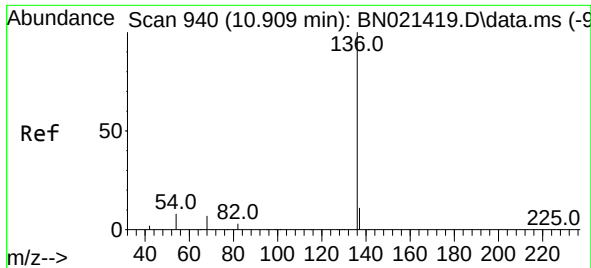
Tgt Ion:112 Resp: 2515  
Ion Ratio Lower Upper  
112 100  
64 57.3 43.5 65.3  
63 29.4 22.6 34.0



#5  
Phenol-d6  
Concen: 0.131 ng  
RT: 7.217 min Scan# 545  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion: 99 Resp: 2066  
Ion Ratio Lower Upper  
99 100  
42 28.0 15.5 23.3#  
71 42.0 24.2 36.2#

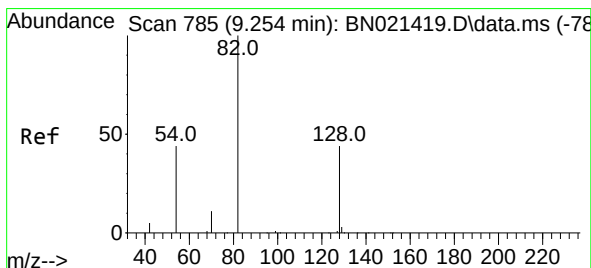
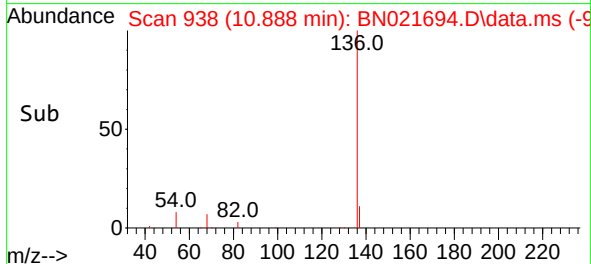
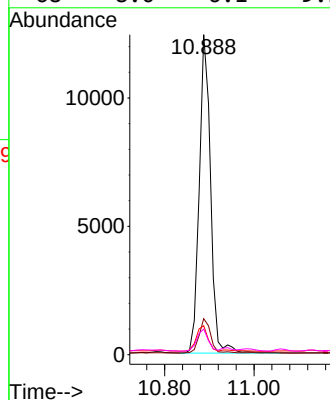
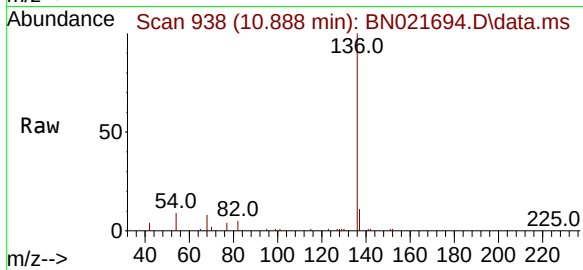




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.888 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

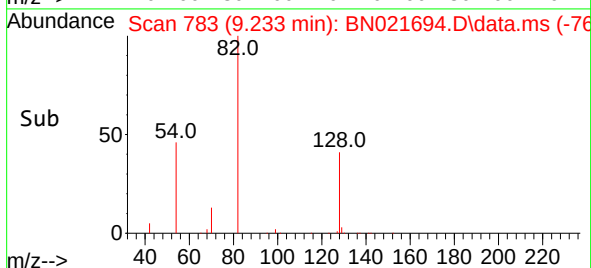
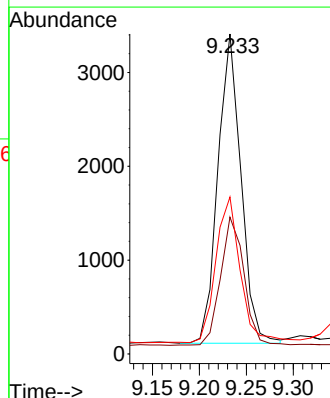
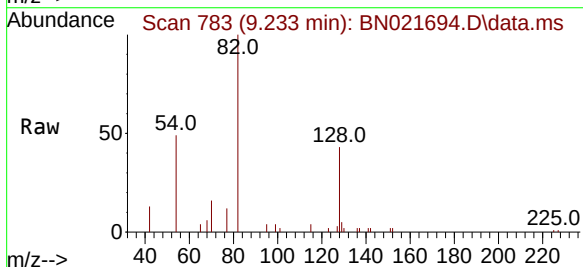
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

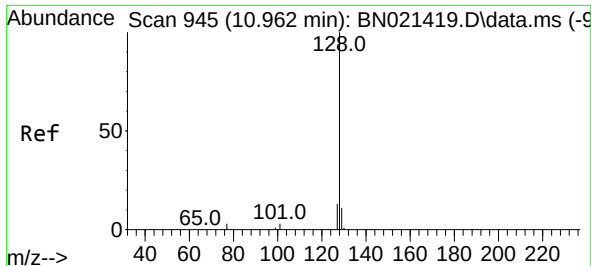
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 21839 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.3   | 13.9  |
| 54        | 9.1   | 6.9   | 10.3  |
| 68        | 8.0   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.382 ng  
RT: 9.233 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5635 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.8  | 30.9  | 46.3 |
| 54        | 49.1  | 42.7  | 64.1 |

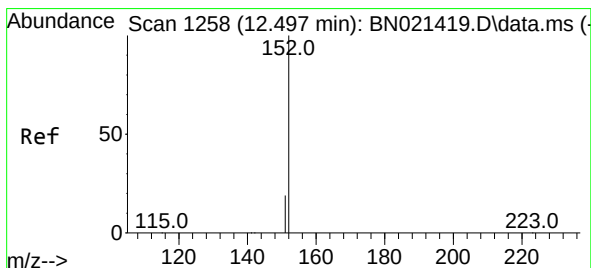
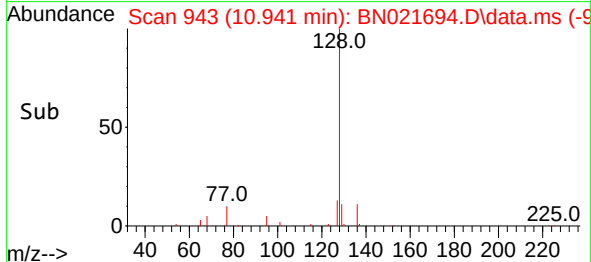
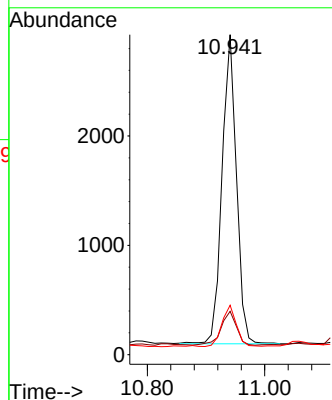
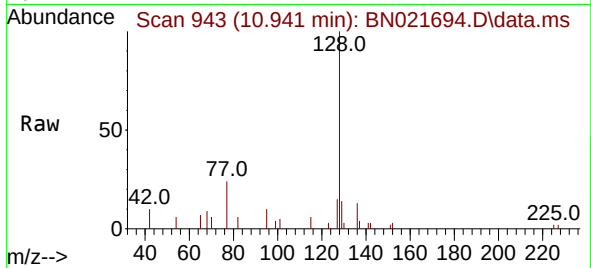




#9  
Naphthalene  
Concen: 0.074 ng  
RT: 10.941 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

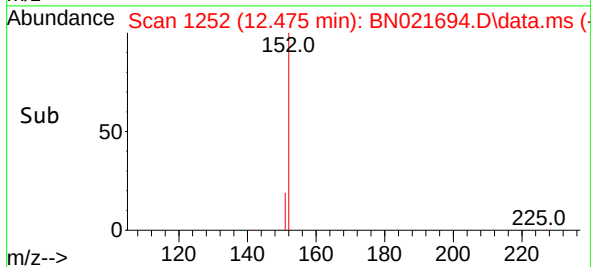
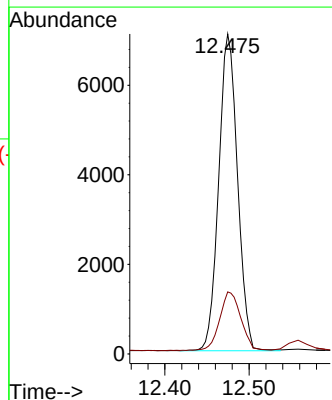
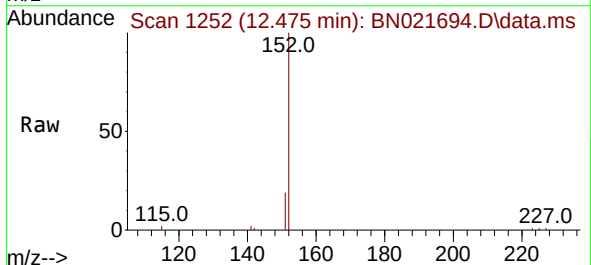
Instrument :  
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ClientSampleId :  
BR-01-180-200-090122

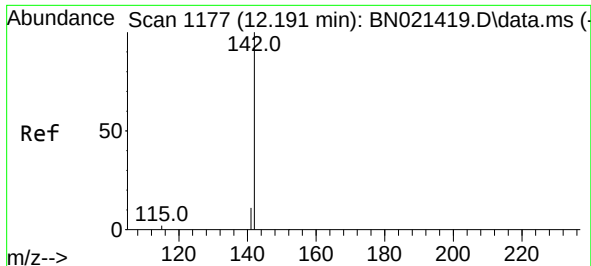
Tgt Ion:128 Resp: 4799  
Ion Ratio Lower Upper  
128 100  
129 13.6 9.3 13.9  
127 15.4 11.0 16.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.269 ng  
RT: 12.475 min Scan# 1252  
Delta R.T. -0.004 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion:152 Resp: 13248  
Ion Ratio Lower Upper  
152 100  
151 19.6 14.5 21.7

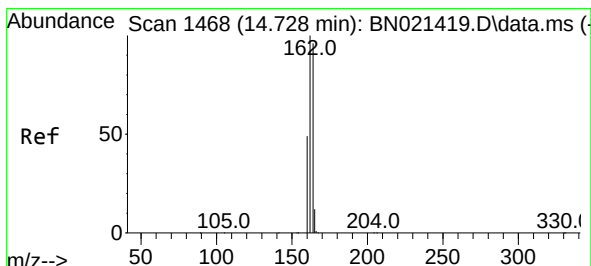
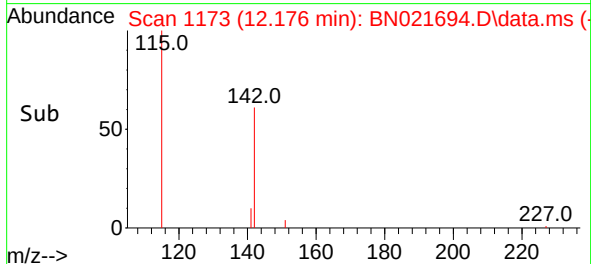
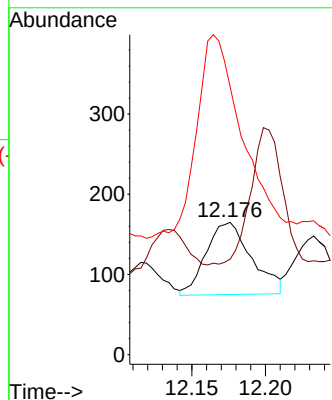
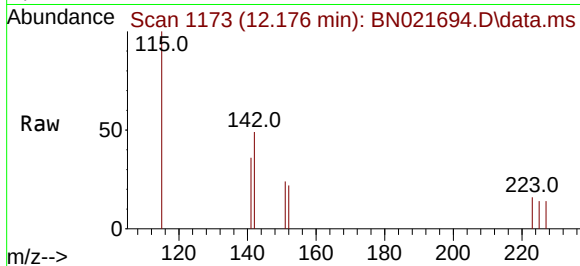




#12  
2-Methylnaphthalene  
Concen: 0.145 ng  
RT: 12.176 min Scan# 1177  
Delta R.T. -0.004 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

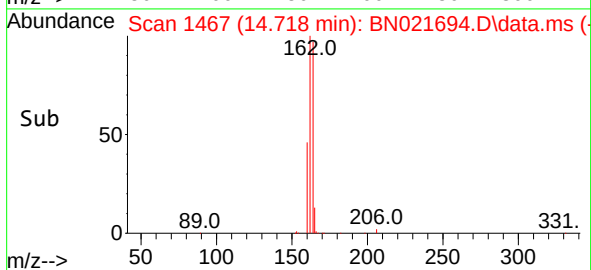
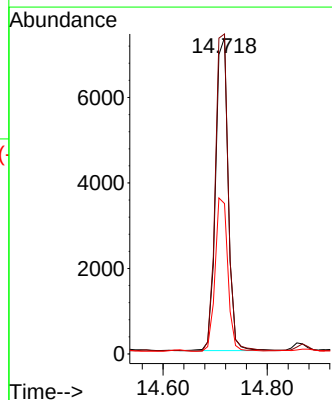
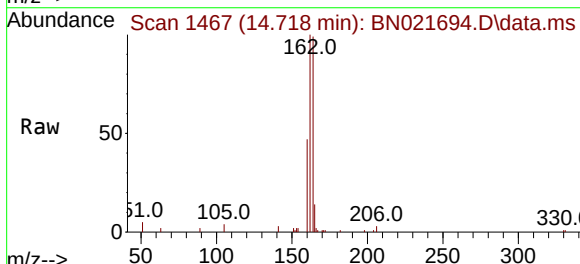
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

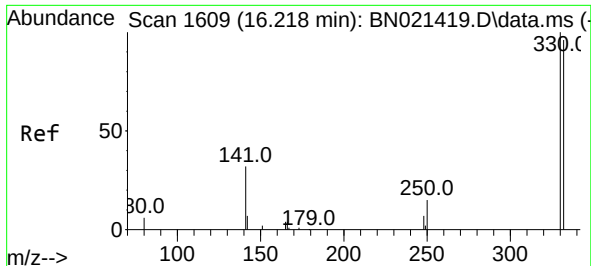
Tgt Ion:142 Resp: 193  
Ion Ratio Lower Upper  
142 100  
141 72.1 12.2 18.2#  
115 202.4 7.9 11.9#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.718 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion:164 Resp: 12244  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.2 123.4  
160 47.5 39.5 59.3

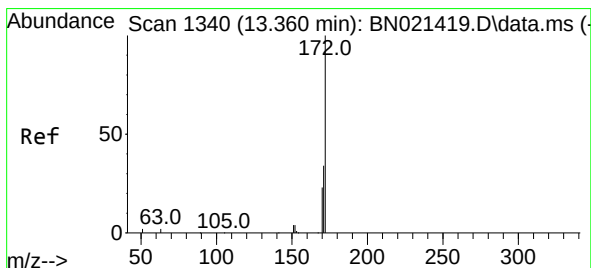
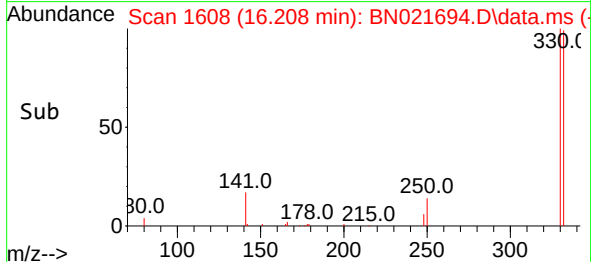
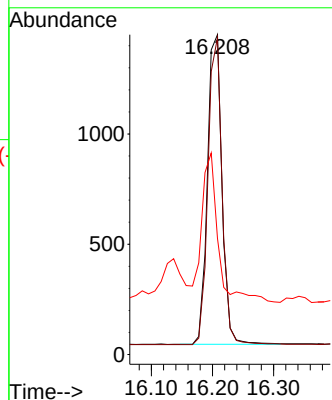
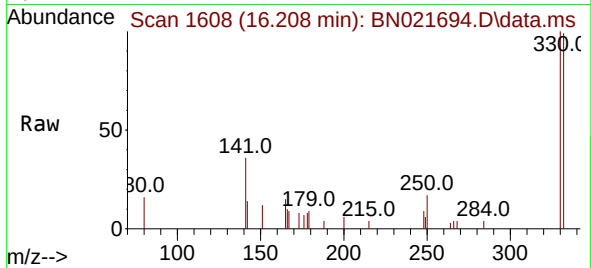




#14  
2,4,6-Tribromophenol  
Concen: 0.578 ng  
RT: 16.208 min Scan# 1608  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

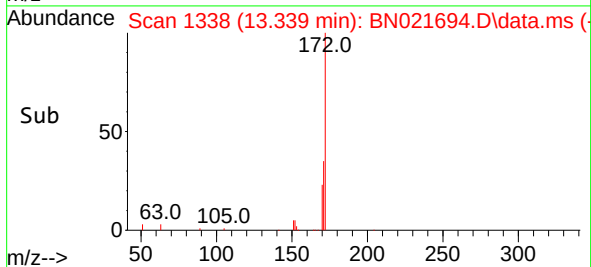
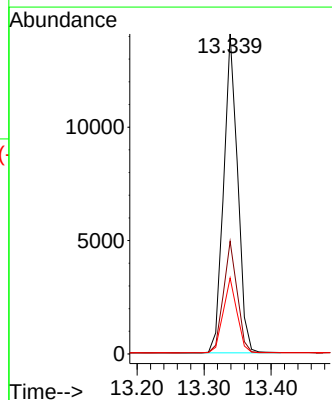
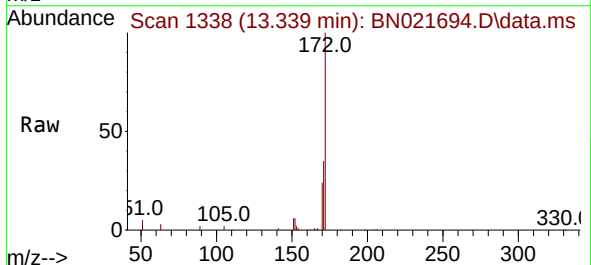
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

Tgt Ion:330 Resp: 2323  
Ion Ratio Lower Upper  
330 100  
332 96.2 79.3 118.9  
141 53.5 37.1 55.7

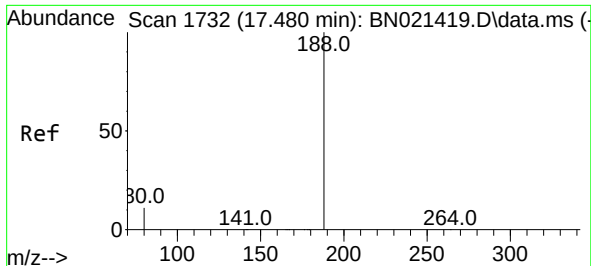


#15  
2-Fluorobiphenyl  
Concen: 0.383 ng  
RT: 13.339 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion:172 Resp: 20501  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.8 41.6  
170 23.8 18.6 28.0



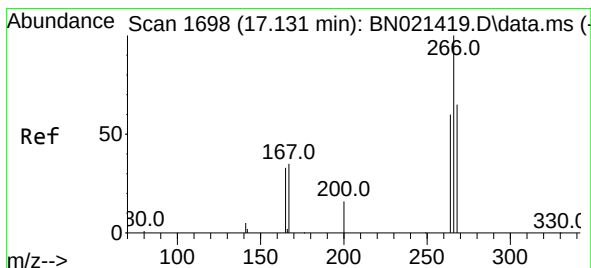
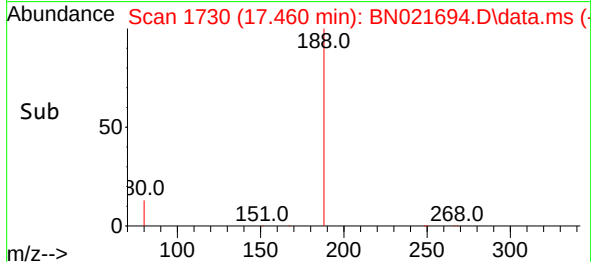
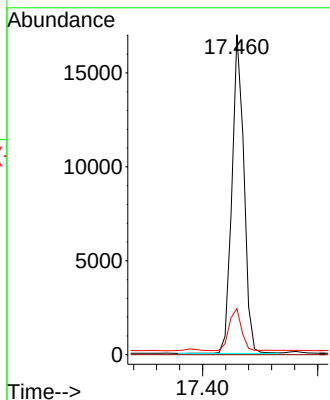
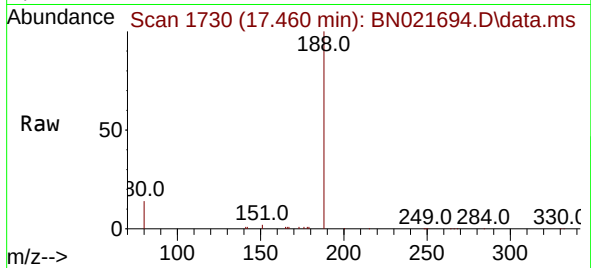




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.460 min Scan# 1730  
Delta R.T. -0.010 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

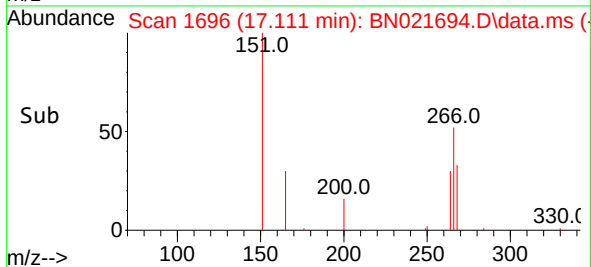
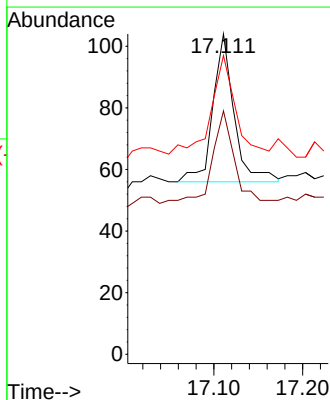
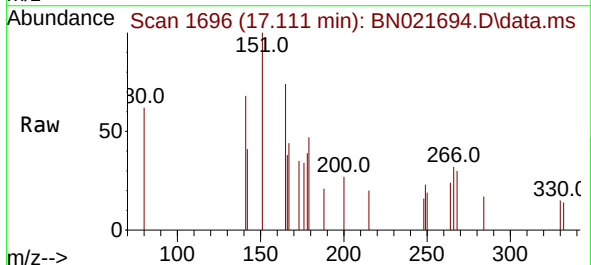
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

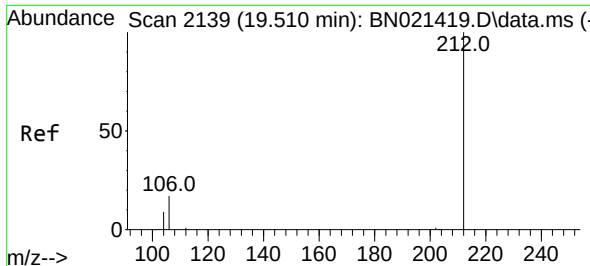
Tgt Ion:188 Resp: 24544  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.4 9.5 14.3#



#24  
Pentachlorophenol  
Concen: 0.216 ng  
RT: 17.111 min Scan# 1696  
Delta R.T. -0.010 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion:266 Resp: 79  
Ion Ratio Lower Upper  
266 100  
264 65.8 49.0 73.6  
268 74.7 50.9 76.3

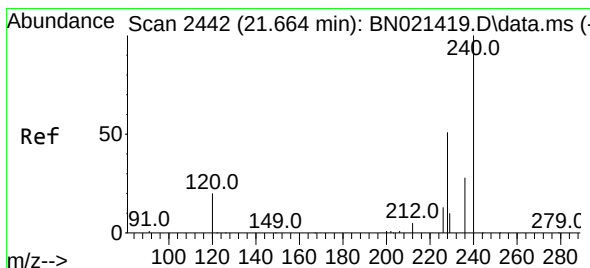
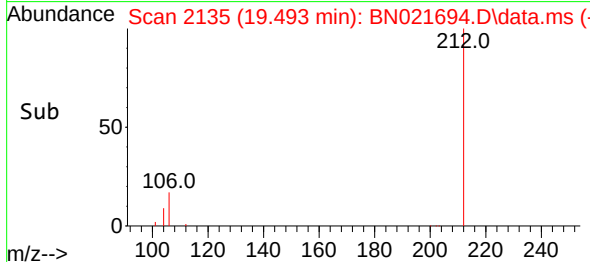
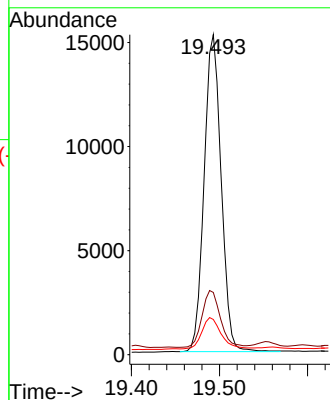
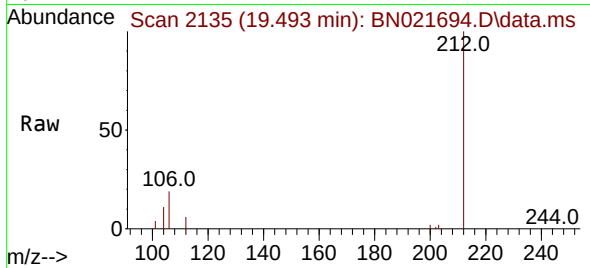




#27  
Fluoranthene-d10  
Concen: 0.324 ng  
RT: 19.493 min Scan# 2135  
Delta R.T. -0.004 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

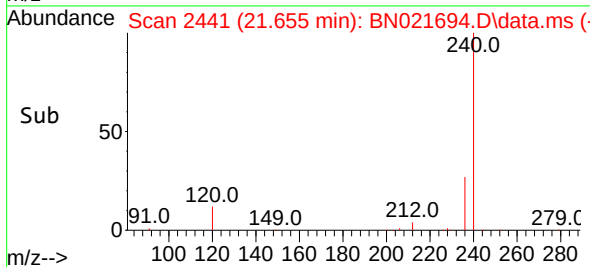
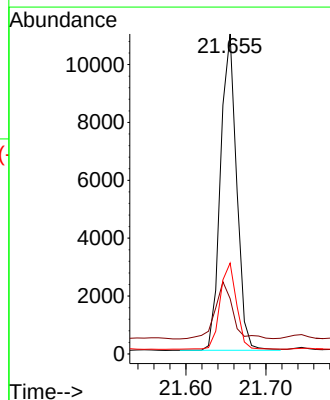
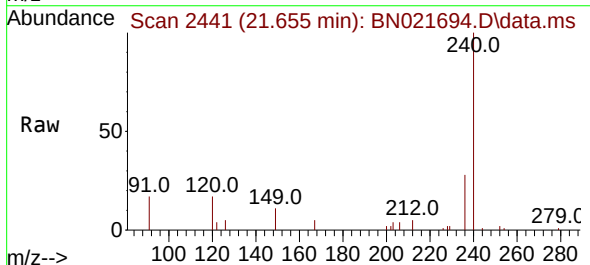
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-180-200-090122

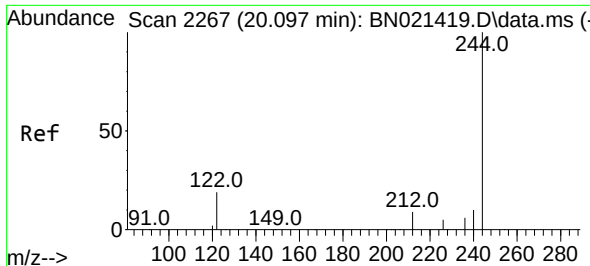
Tgt Ion:212 Resp: 20469  
Ion Ratio Lower Upper  
212 100  
106 19.2 14.2 21.2  
104 12.1 7.8 11.6#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.655 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN021694.D  
Acq: 10 Sep 2022 12:10

Tgt Ion:240 Resp: 15327  
Ion Ratio Lower Upper  
240 100  
120 17.3 10.2 15.4#  
236 28.4 22.1 33.1

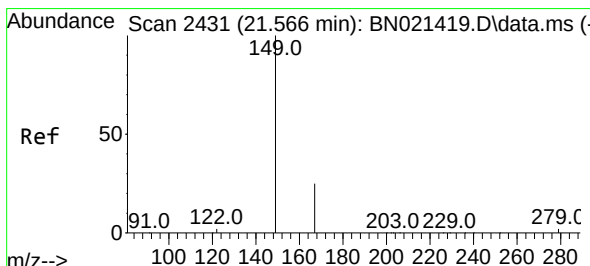
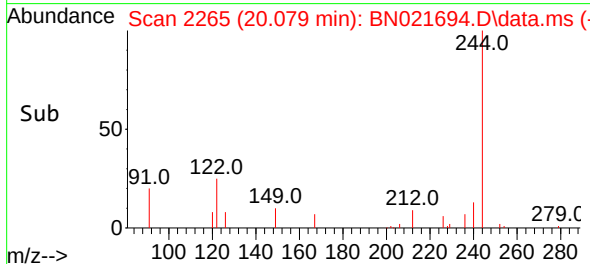
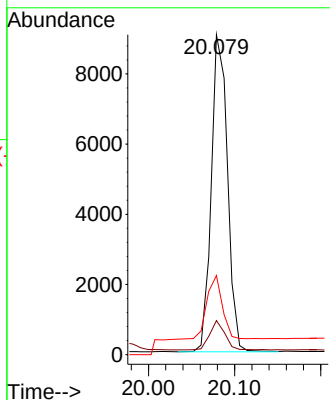
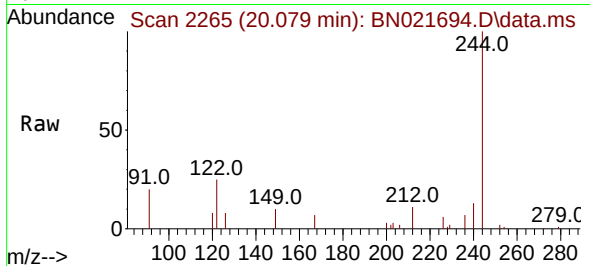




#31  
 Terphenyl-d14  
 Concen: 0.343 ng  
 RT: 20.079 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN021694.D  
 Acq: 10 Sep 2022 12:10

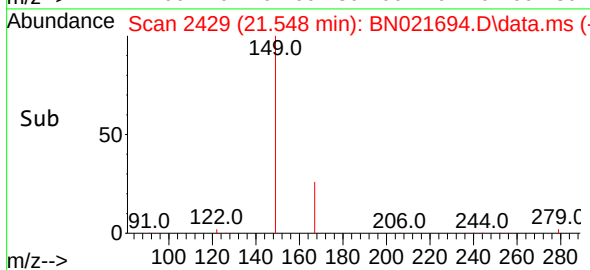
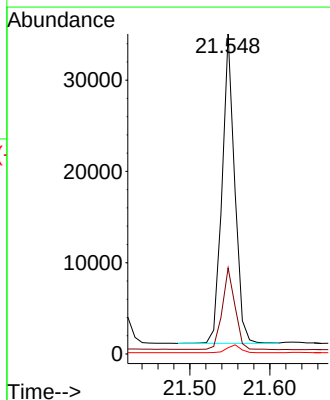
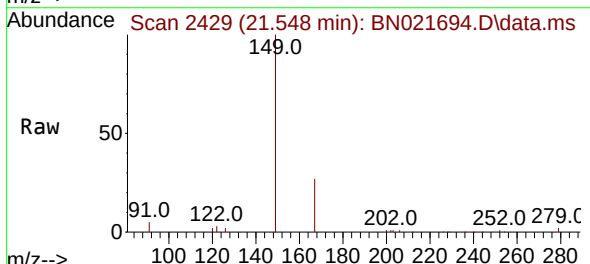
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-01-180-200-090122

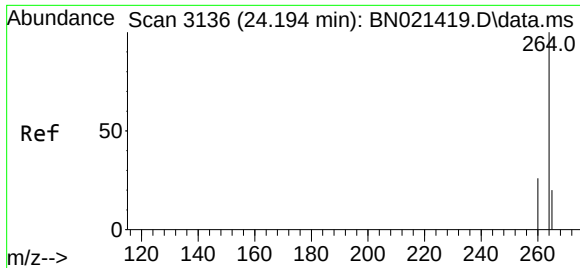
Tgt Ion:244 Resp: 11814  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 6.5 9.7#  
 122 24.8 9.1 13.7#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.734 ng  
 RT: 21.548 min Scan# 2429  
 Delta R.T. 0.000 min  
 Lab File: BN021694.D  
 Acq: 10 Sep 2022 12:10

Tgt Ion:149 Resp: 37297  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.4 32.0  
 279 2.8 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.162 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN021694.D

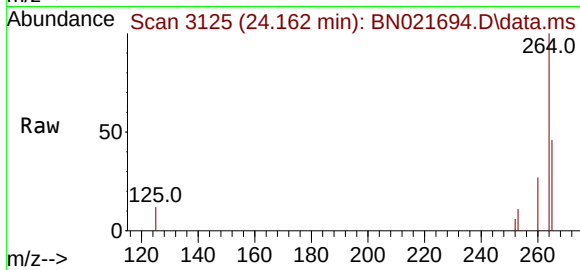
Acq: 10 Sep 2022 12:10

Instrument :

BNA\_N

ClientSampleId :

BR-01-180-200-090122



Tgt Ion:264 Resp: 11657

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.6

265 46.1 32.2 48.2

