

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091423\  
 Data File : BN027643.D  
 Acq On : 13 Sep 2023 13:49  
 Operator : MA/JU  
 Sample : 04272-01DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-07B-65-083123DL

Quant Time: Sep 13 15:30:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:45:58 2023  
 Response via : Initial Calibration

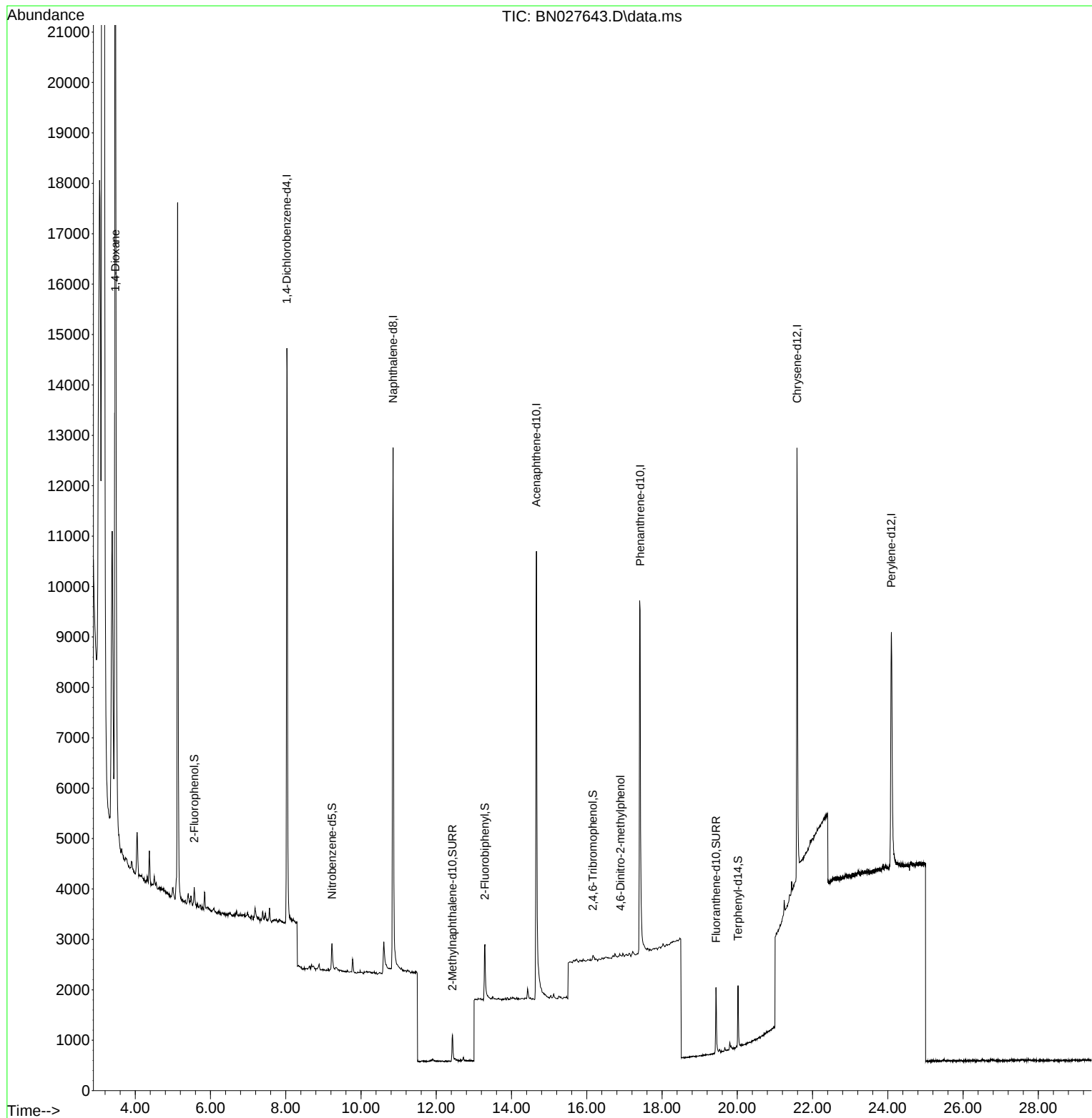
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.030  | 152  | 6115     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 15792    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 6842     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.418 | 188  | 13657    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.587 | 240  | 9663     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.095 | 264  | 8903     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.567  | 112  | 332      | 0.021 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.185  | 99   | 260      | 0.013 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.230  | 82   | 644      | 0.056 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.426 | 152  | 887      | 0.038 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.164 | 330  | 72       | 0.028 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 1448     | 0.056 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 1625     | 0.048 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 1391     | 0.072 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.473  | 88   | 24652    | 3.302 | ng    | 95       |
| 20) 4,6-Dinitro-2-methylph... | 16.897 | 198  | 12       | 0.062 | ng    | # 39     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091423\  
Data File : BN027643.D  
Acq On : 13 Sep 2023 13:49  
Operator : MA/JU  
Sample : 04272-01DL 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

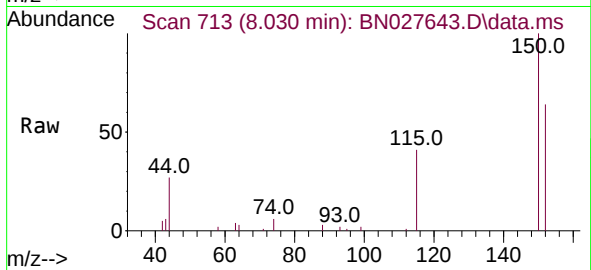
Quant Time: Sep 13 15:30:52 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 02:45:58 2023  
Response via : Initial Calibration



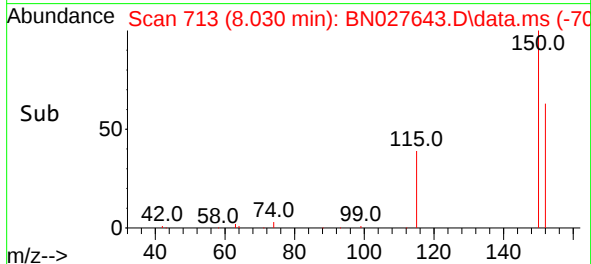
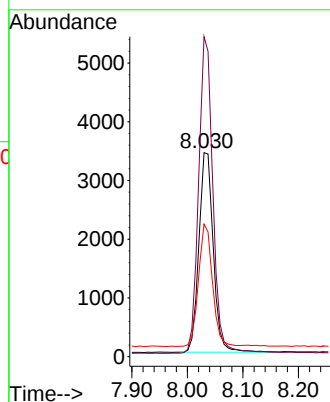


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.030 min Scan# 719  
Delta R.T. -0.007 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

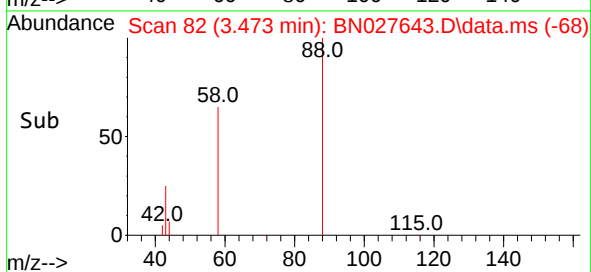
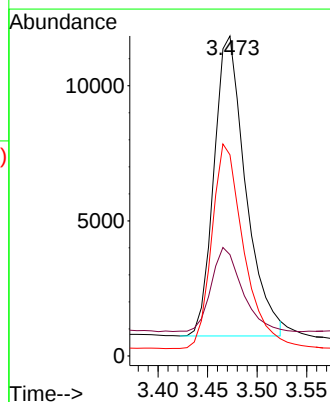
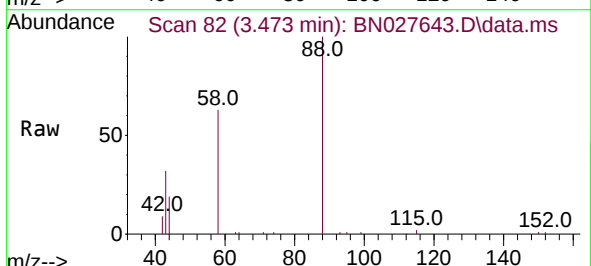


Tgt Ion:152 Resp: 6115  
Ion Ratio Lower Upper  
152 100  
150 156.9 122.7 184.1  
115 65.1 48.6 73.0



#2  
1,4-Dioxane  
Concen: 3.302 ng  
RT: 3.473 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

Tgt Ion: 88 Resp: 24652  
Ion Ratio Lower Upper  
88 100  
43 27.2 19.1 28.7  
58 68.4 52.2 78.2

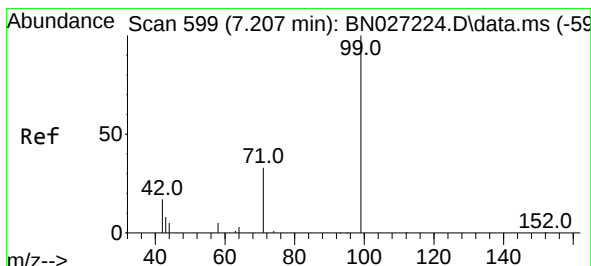
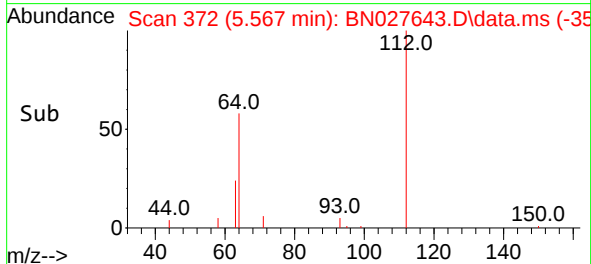
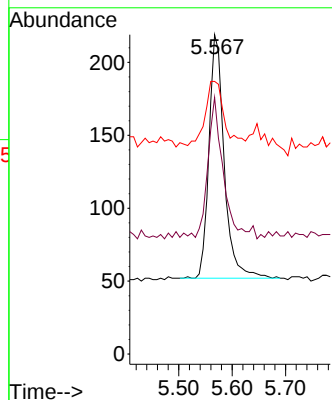
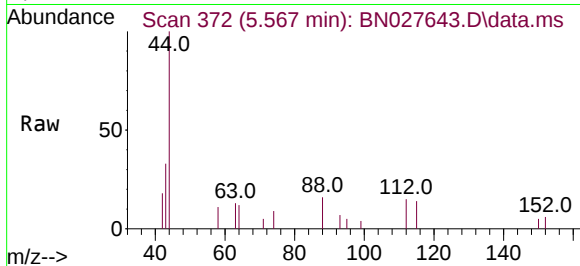




#4  
2-Fluorophenol  
Concen: 0.021 ng  
RT: 5.567 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

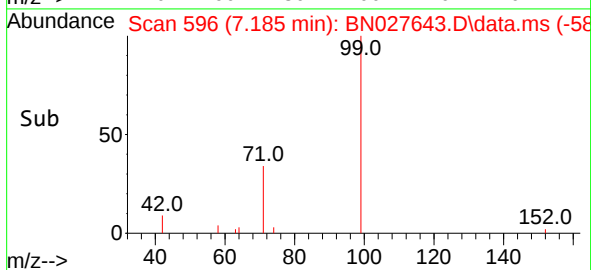
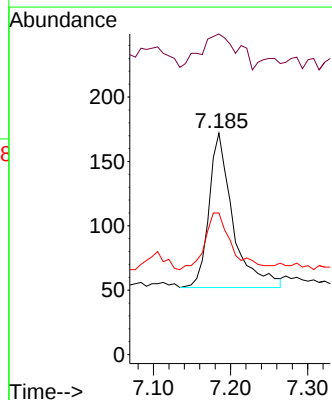
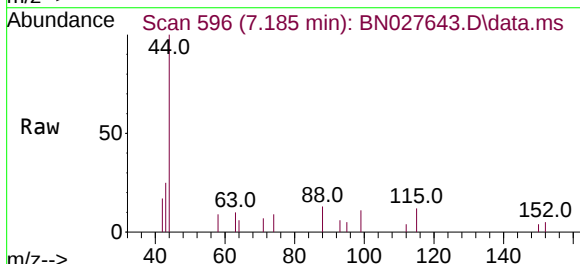
Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

Tgt Ion:112 Resp: 332  
Ion Ratio Lower Upper  
112 100  
64 57.5 44.4 66.6  
63 33.1 23.1 34.7



#5  
Phenol-d6  
Concen: 0.013 ng  
RT: 7.185 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

Tgt Ion: 99 Resp: 260  
Ion Ratio Lower Upper  
99 100  
42 35.8 14.5 21.7#  
71 40.0 25.8 38.6#

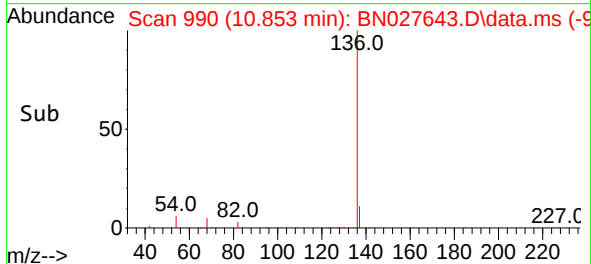
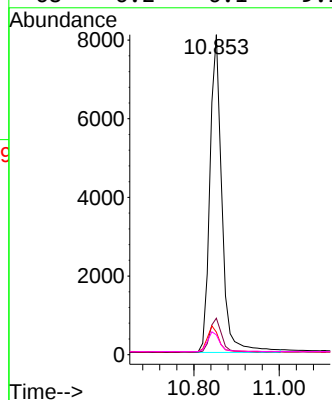
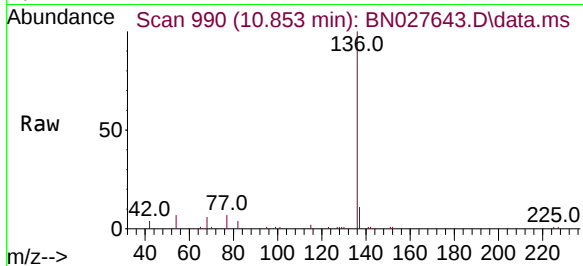




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

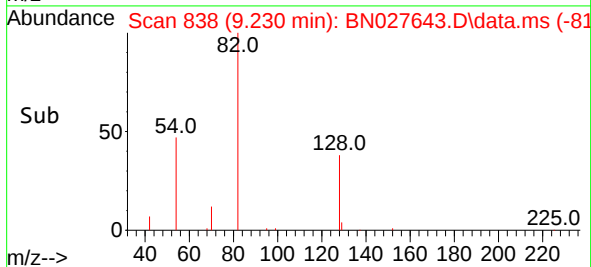
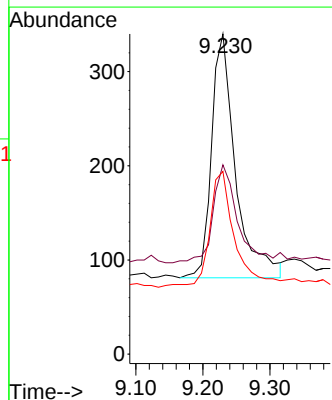
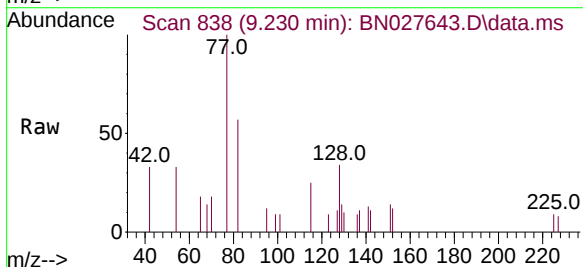
Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15792 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.3   | 13.9  |
| 54        | 7.1   | 6.7   | 10.1  |
| 68        | 6.2   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.056 ng  
RT: 9.230 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 644   |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 59.1  | 33.4  | 50.0# |
| 54        | 57.1  | 37.7  | 56.5# |





#11

2-Methylnaphthalene-d10

Concen: 0.038 ng

RT: 12.426 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027643.D

Acq: 13 Sep 2023 13:49

Instrument :

BNA\_N

ClientSampleId :

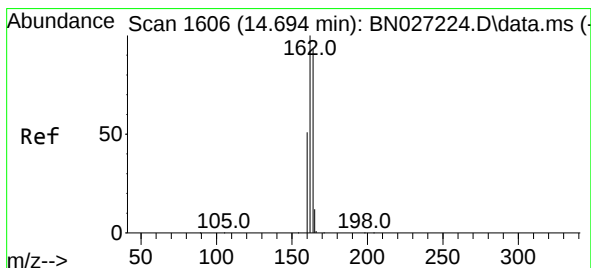
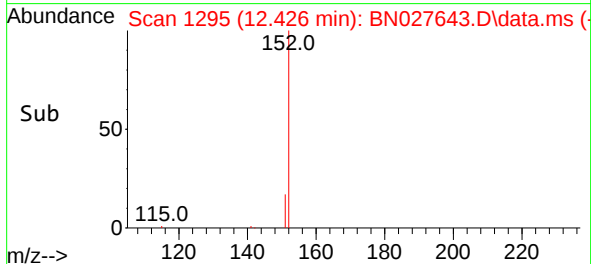
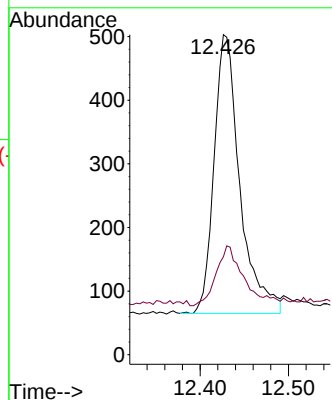
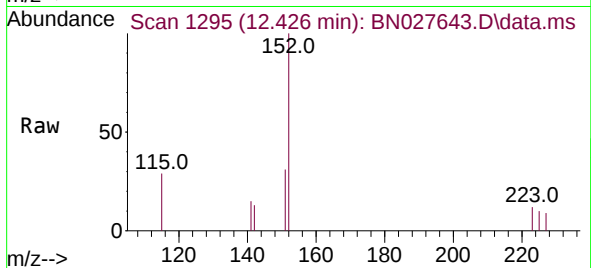
OW-07B-65-083123DL

Tgt Ion:152 Resp: 887

Ion Ratio Lower Upper

152 100

151 21.6 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027643.D

Acq: 13 Sep 2023 13:49

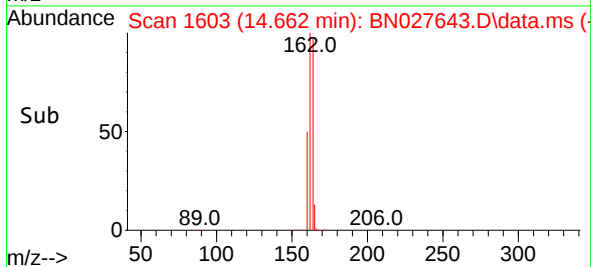
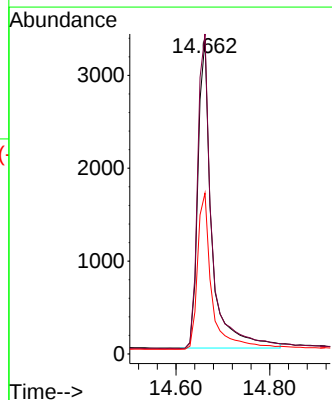
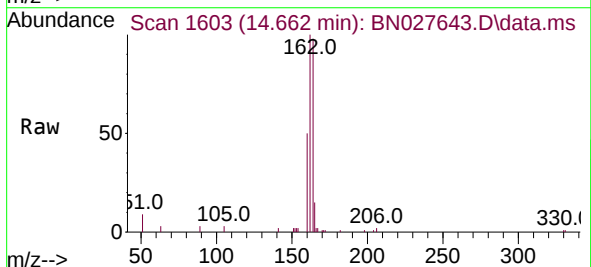
Tgt Ion:164 Resp: 6842

Ion Ratio Lower Upper

164 100

162 101.8 85.8 128.8

160 51.2 44.2 66.2

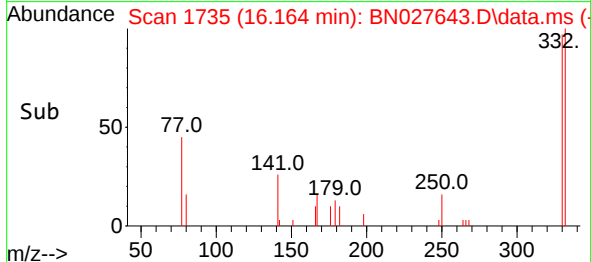
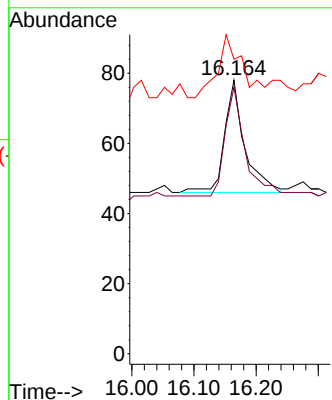
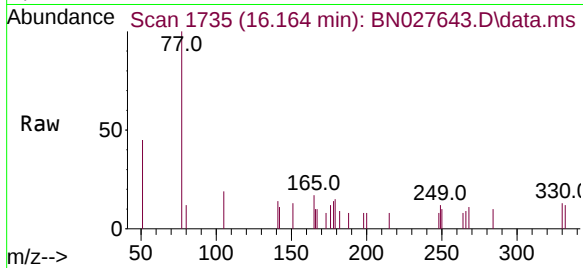




#14  
2,4,6-Tribromophenol  
Concen: 0.028 ng  
RT: 16.164 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

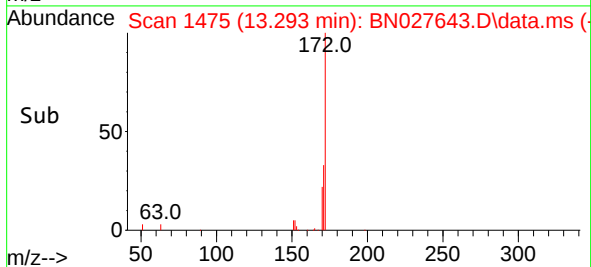
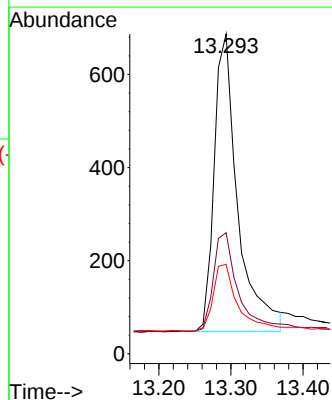
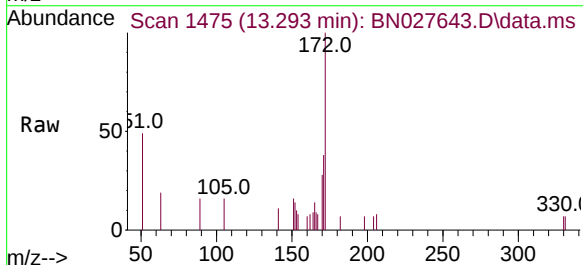
Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

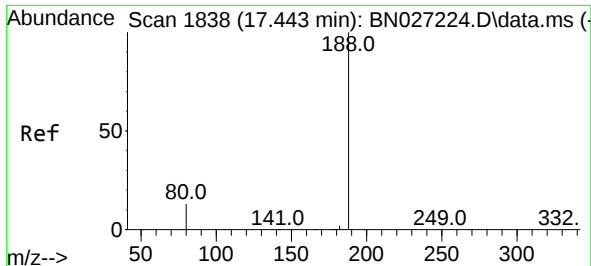
Tgt Ion:330 Resp: 72  
Ion Ratio Lower Upper  
330 100  
332 95.8 75.2 112.8  
141 69.4 36.2 54.4#



#15  
2-Fluorobiphenyl  
Concen: 0.056 ng  
RT: 13.293 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

Tgt Ion:172 Resp: 1448  
Ion Ratio Lower Upper  
172 100  
171 37.8 27.8 41.8  
170 27.9 19.3 28.9

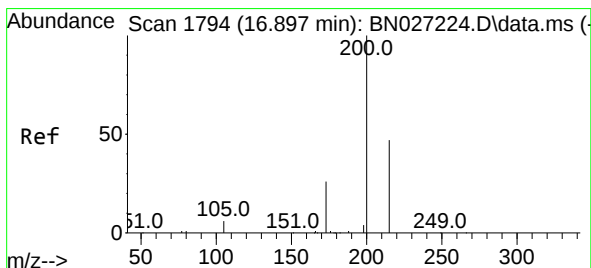
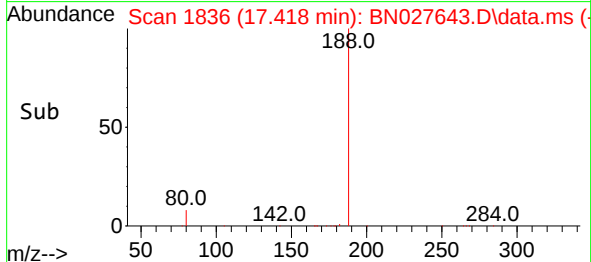
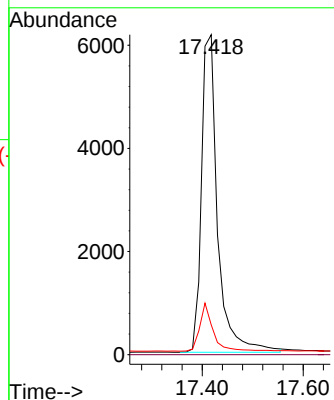
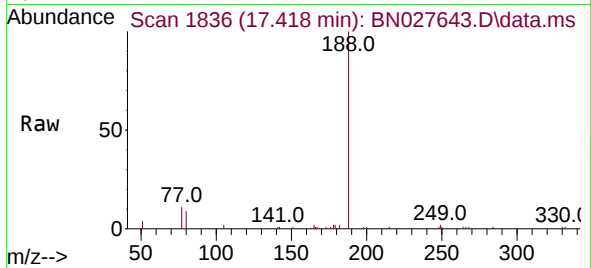




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.418 min Scan# 1836  
Delta R.T. 0.012 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

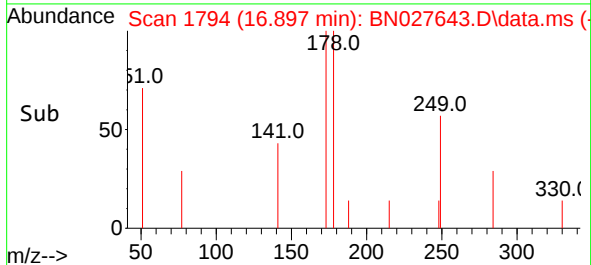
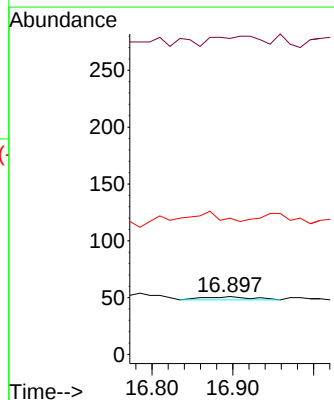
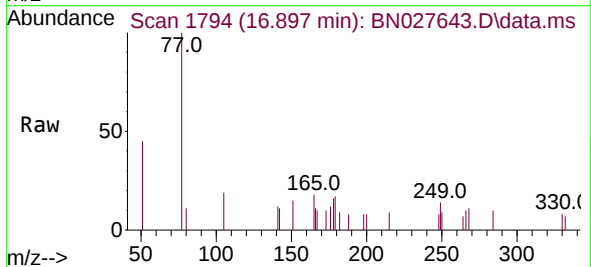
Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

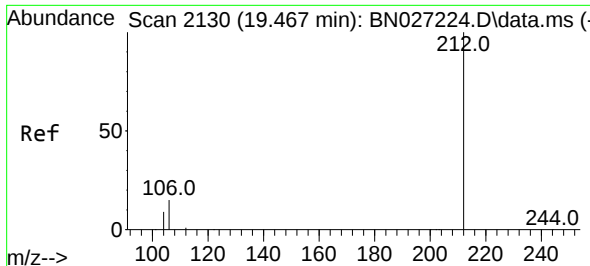
Tgt Ion:188 Resp: 13657  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.3 11.0 16.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.062 ng  
RT: 16.897 min Scan# 1794  
Delta R.T. 0.037 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

Tgt Ion:198 Resp: 12  
Ion Ratio Lower Upper  
198 100  
51 545.1 282.2 423.2#  
105 235.3 168.7 253.1

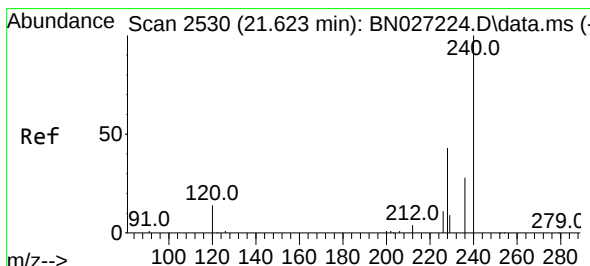
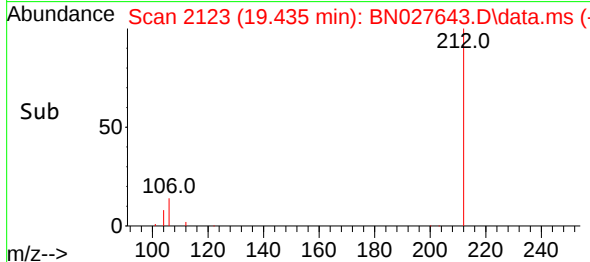
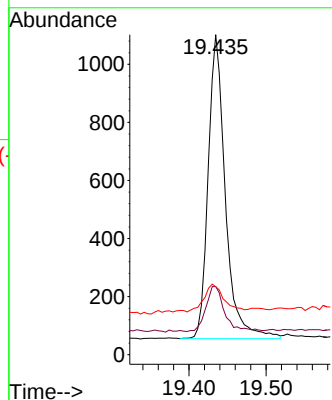
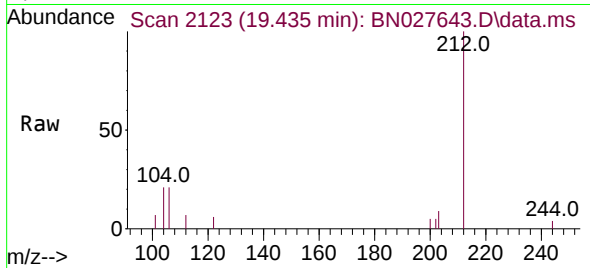




#27  
Fluoranthene-d10  
Concen: 0.048 ng  
RT: 19.435 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

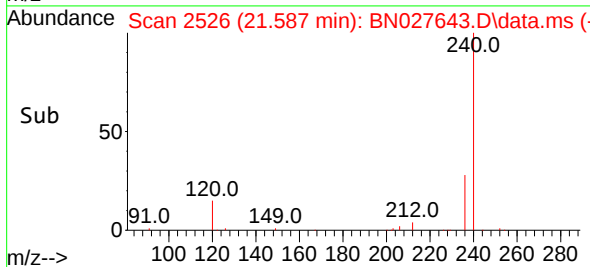
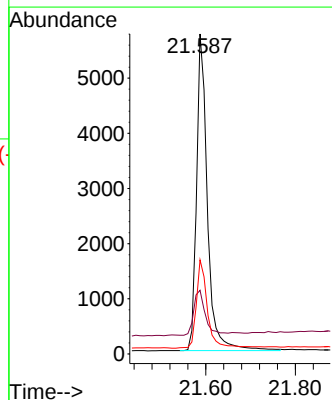
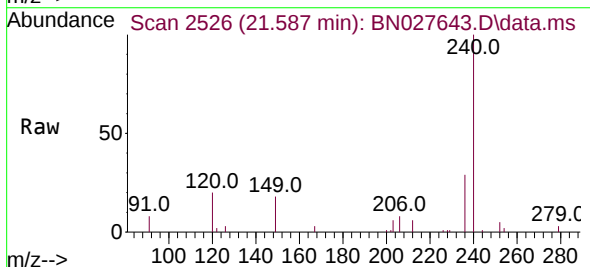
Instrument :  
BNA\_N  
ClientSampleId :  
OW-07B-65-083123DL

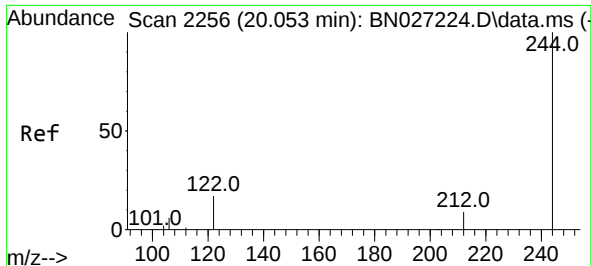
Tgt Ion:212 Resp: 1625  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.1 18.1  
104 10.6 6.9 10.3#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. -0.000 min  
Lab File: BN027643.D  
Acq: 13 Sep 2023 13:49

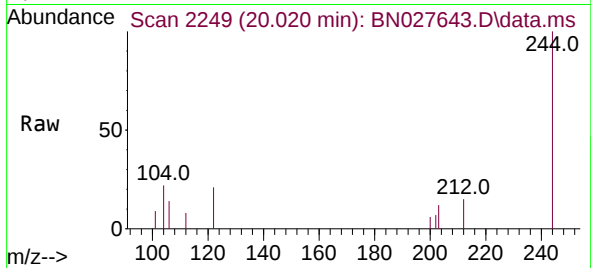
Tgt Ion:240 Resp: 9663  
Ion Ratio Lower Upper  
240 100  
120 19.9 14.2 21.4  
236 29.4 22.9 34.3



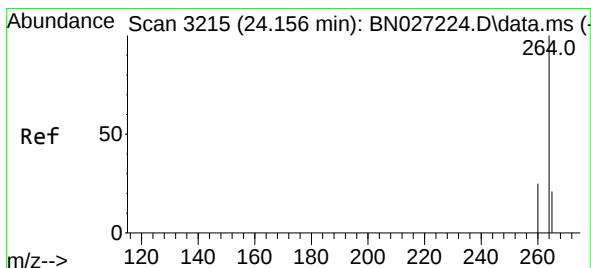
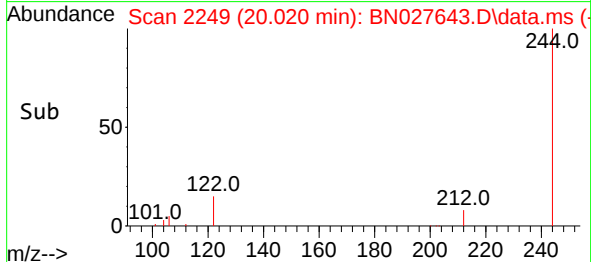
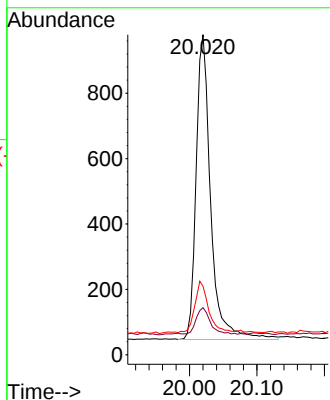


#31  
 Terphenyl-d14  
 Concen: 0.072 ng  
 RT: 20.020 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN027643.D  
 Acq: 13 Sep 2023 13:49

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-07B-65-083123DL



Tgt Ion:244 Resp: 1391  
 Ion Ratio Lower Upper  
 244 100  
 212 14.7 7.5 11.3#  
 122 21.5 14.0 21.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.095 min Scan# 3194  
 Delta R.T. -0.000 min  
 Lab File: BN027643.D  
 Acq: 13 Sep 2023 13:49

Tgt Ion:264 Resp: 8903  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 20.7 31.1  
 265 103.3 53.3 79.9#

