

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
 Data File : BN027295.D  
 Acq On : 31 Aug 2023 04:32  
 Operator : MA/JU  
 Sample : 04150-02  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW9-MW01S-20230822

Quant Time: Aug 31 05:16:12 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 Aug 29 05:37:30 2023  
 Response via : Initial Calibration

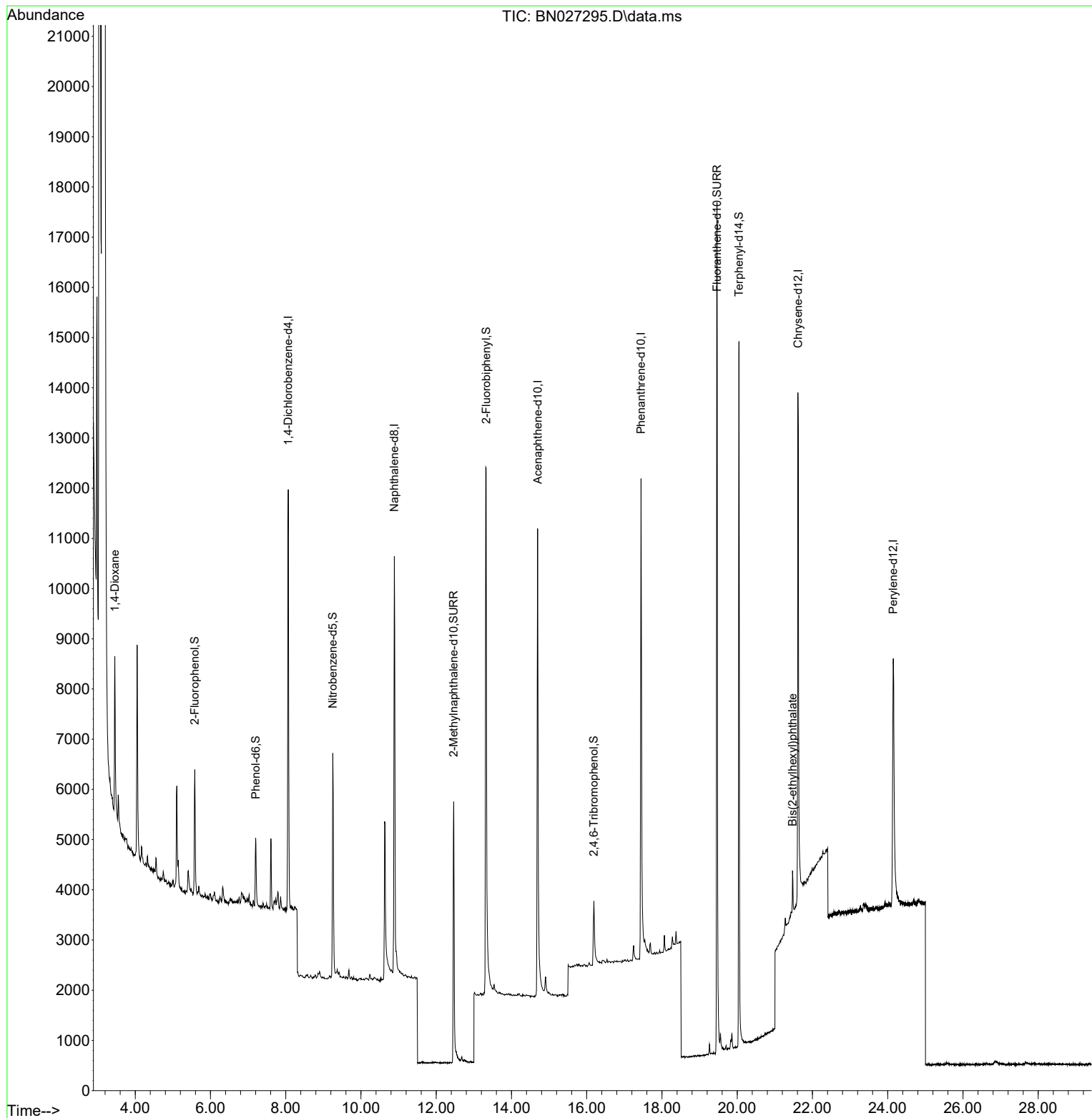
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.066  | 152  | 4246     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.885 | 136  | 12216    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.694 | 164  | 6901     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.443 | 188  | 16168    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.614 | 240  | 12336    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.148 | 264  | 10490    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.582  | 112  | 2248     | 0.203 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.207  | 99   | 1507     | 0.112 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.251  | 82   | 4131     | 0.464 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.464 | 152  | 8357     | 0.466 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 993      | 0.389 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.326 | 172  | 12775    | 0.487 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.463 | 212  | 20975    | 0.522 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.048 | 244  | 14863    | 0.600 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.458  | 88   | 2522     | 0.487 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149  | 832      | 0.041 | ng    | # 94     |

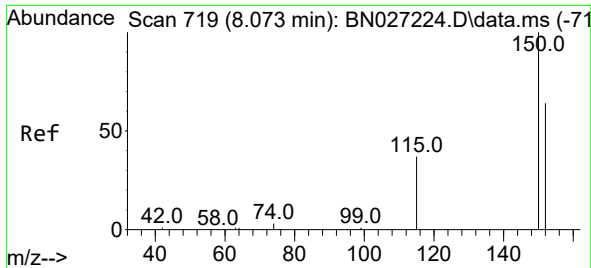
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
Data File : BN027295.D  
Acq On : 31 Aug 2023 04:32  
Operator : MA/JU  
Sample : 04150-02  
Misc :  
ALS Vial : 74 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01S-20230822

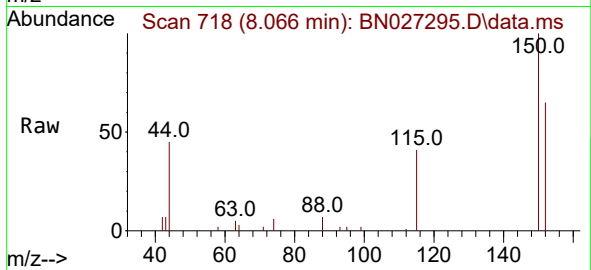
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 29 05:37:30 2023  
Response via : Initial Calibration



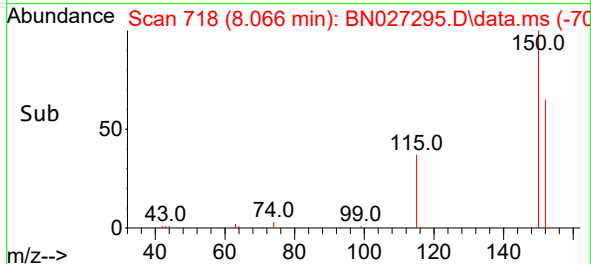
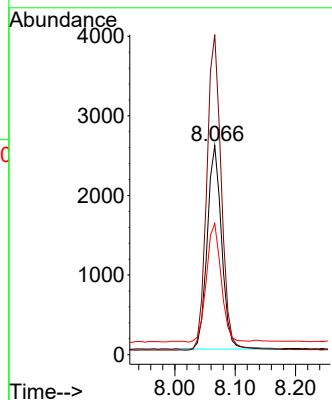


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.066 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027295.D  
 Acq: 31 Aug 2023 04:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW9-MW01S-20230822

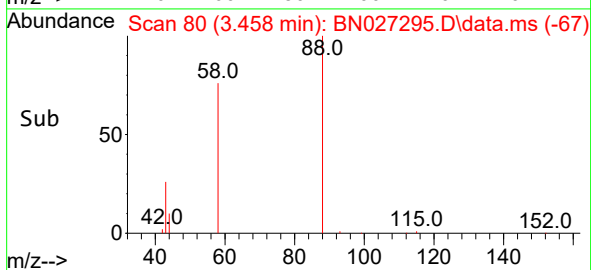
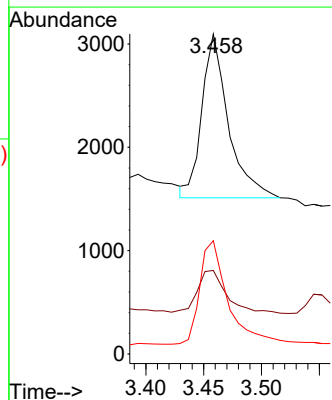
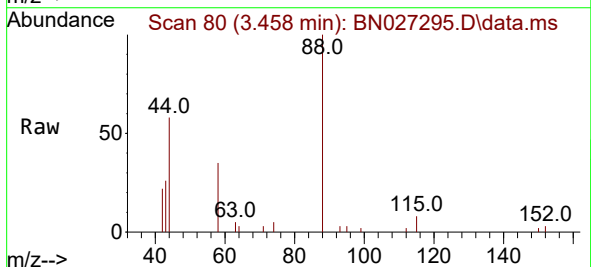


Tgt Ion:152 Resp: 4246  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 122.7 184.1  
 115 62.8 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 0.487 ng  
 RT: 3.458 min Scan# 80  
 Delta R.T. -0.007 min  
 Lab File: BN027295.D  
 Acq: 31 Aug 2023 04:32

Tgt Ion: 88 Resp: 2522  
 Ion Ratio Lower Upper  
 88 100  
 43 28.5 19.1 28.7  
 58 67.0 52.2 78.2

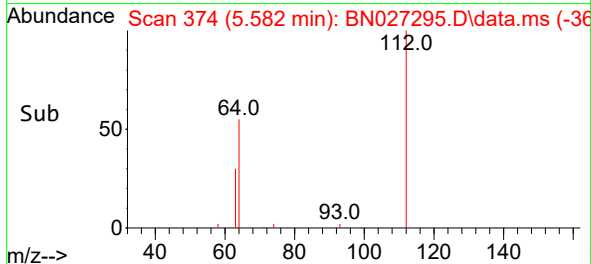
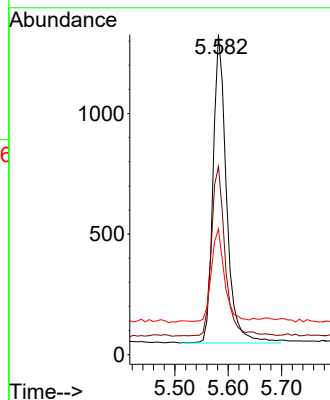
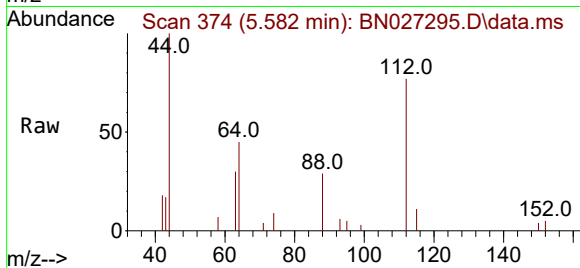




#4  
2-Fluorophenol  
Concen: 0.203 ng  
RT: 5.582 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

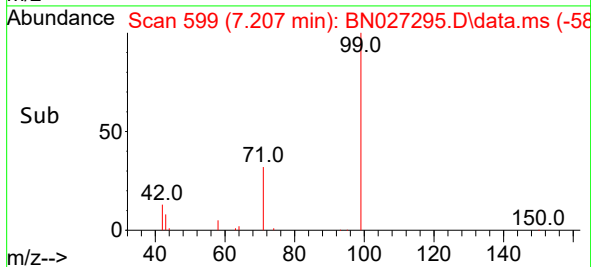
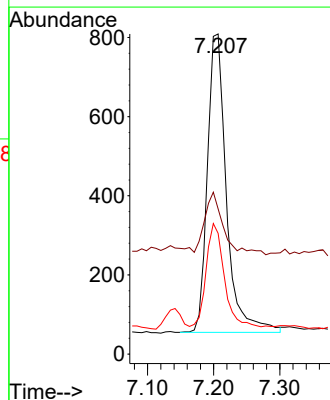
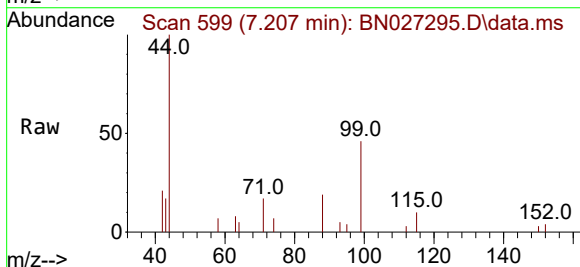
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01S-20230822

Tgt Ion:112 Resp: 2248  
Ion Ratio Lower Upper  
112 100  
64 55.9 44.4 66.6  
63 28.9 23.1 34.7



#5  
Phenol-d6  
Concen: 0.112 ng  
RT: 7.207 min Scan# 599  
Delta R.T. 0.000 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

Tgt Ion: 99 Resp: 1507  
Ion Ratio Lower Upper  
99 100  
42 19.2 14.5 21.7  
71 33.1 25.8 38.6

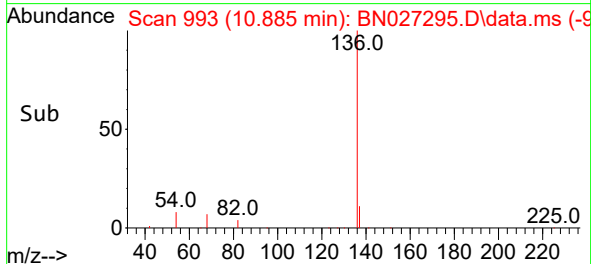
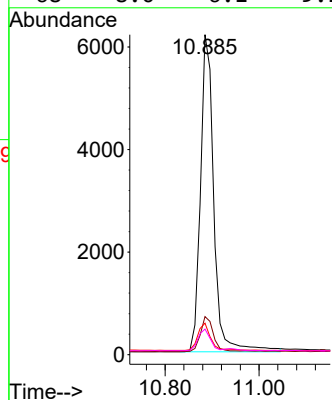
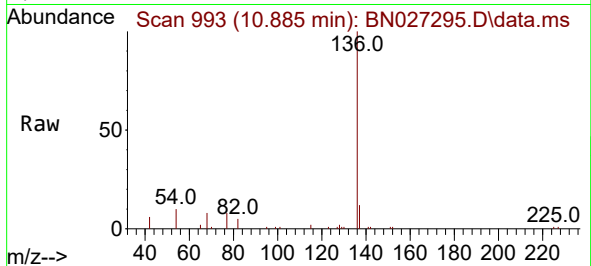




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.885 min Scan# 994  
Delta R.T. -0.011 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

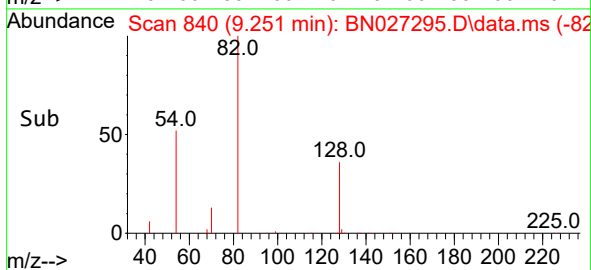
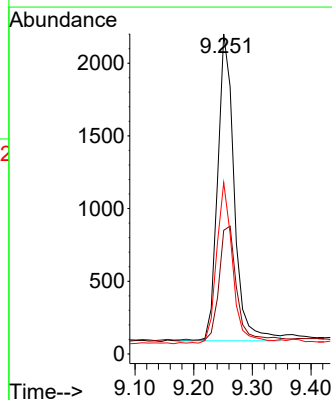
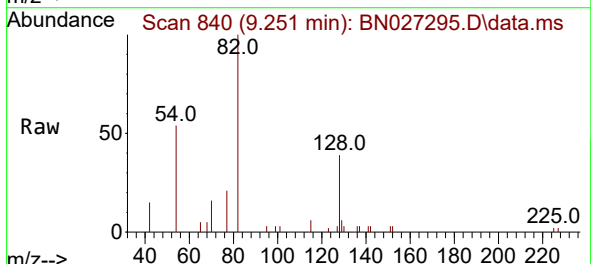
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01S-20230822

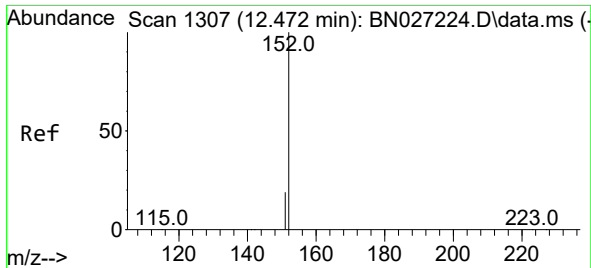
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12216 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.9  | 9.3   | 13.9  |
| 54        | 9.9   | 6.7   | 10.1  |
| 68        | 8.0   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.464 ng  
RT: 9.251 min Scan# 840  
Delta R.T. -0.011 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4131 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.7  | 33.4  | 50.0 |
| 54        | 53.6  | 37.7  | 56.5 |





#11

2-Methylnaphthalene-d10

Concen: 0.466 ng

RT: 12.464 min Scan# 1305

Delta R.T. -0.007 min

Lab File: BN027295.D

Acq: 31 Aug 2023 04:32

Instrument :

BNA\_N

ClientSampleId :

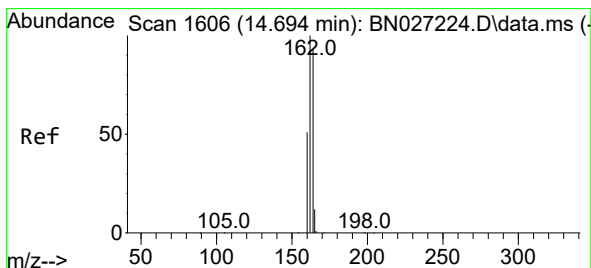
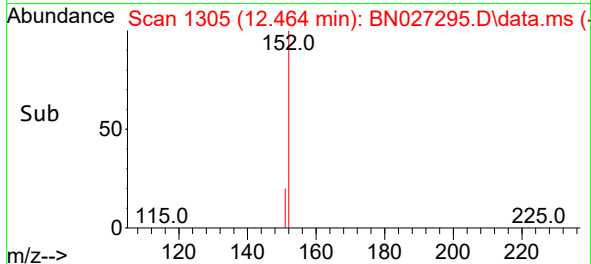
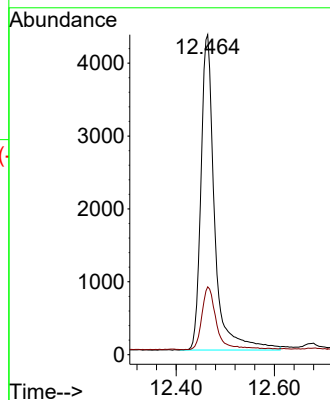
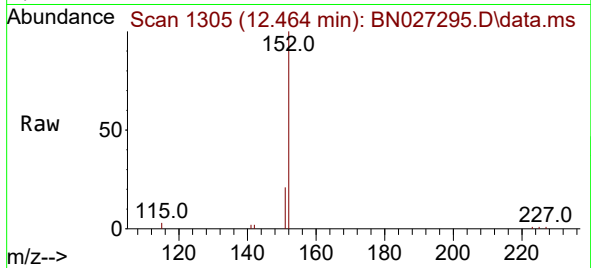
RW9-MW01S-20230822

Tgt Ion:152 Resp: 8357

Ion Ratio Lower Upper

152 100

151 21.6 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BN027295.D

Acq: 31 Aug 2023 04:32

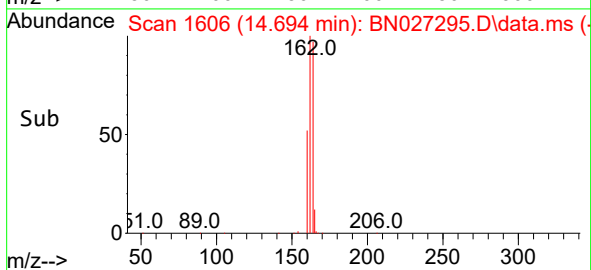
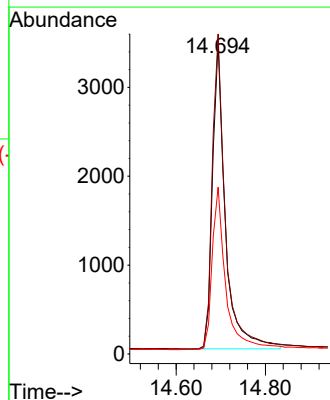
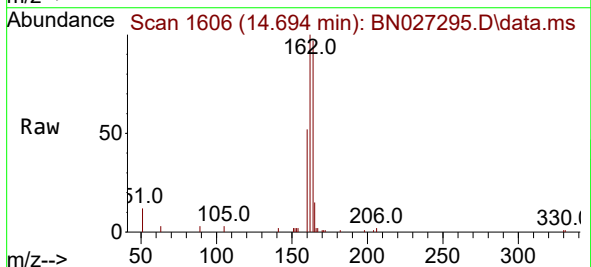
Tgt Ion:164 Resp: 6901

Ion Ratio Lower Upper

164 100

162 102.8 85.8 128.8

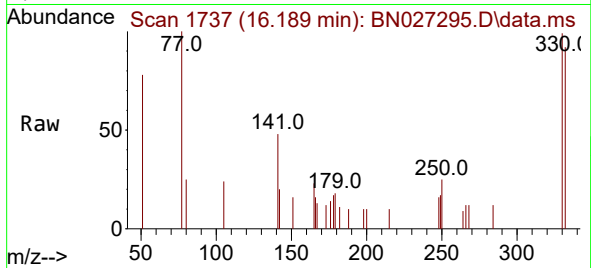
160 53.6 44.2 66.2



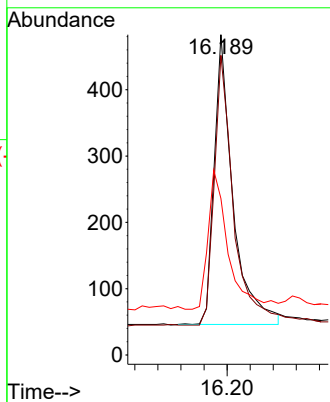
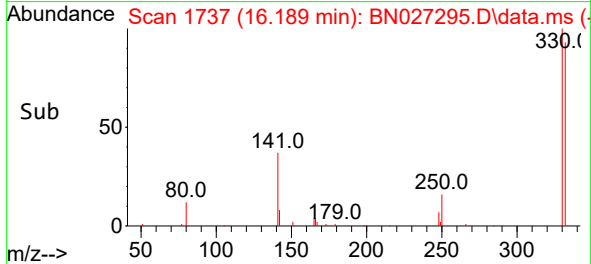


#14  
2,4,6-Tribromophenol  
Concen: 0.389 ng  
RT: 16.189 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

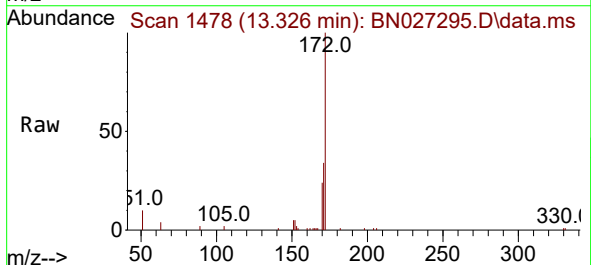
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01S-20230822



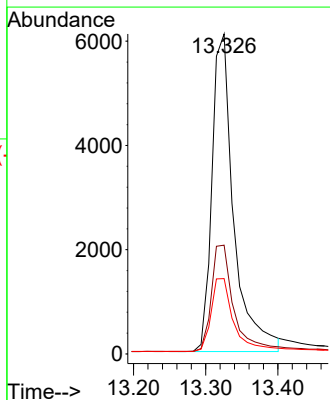
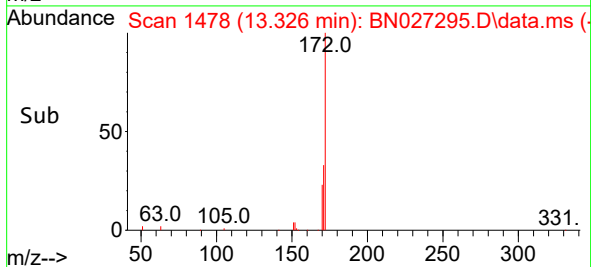
Tgt Ion:330 Resp: 993  
Ion Ratio Lower Upper  
330 100  
332 94.8 75.2 112.8  
141 51.6 36.2 54.4

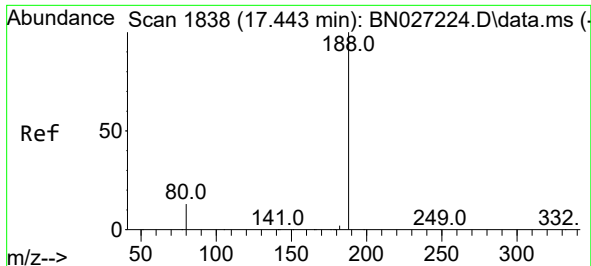


#15  
2-Fluorobiphenyl  
Concen: 0.487 ng  
RT: 13.326 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32



Tgt Ion:172 Resp: 12775  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.8 41.8  
170 23.6 19.3 28.9

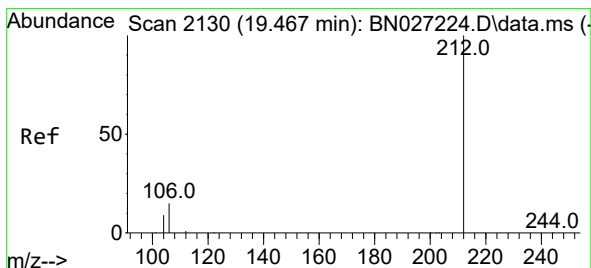
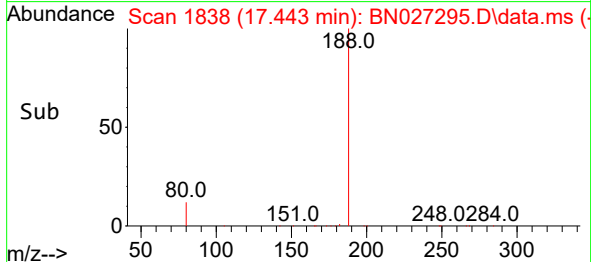
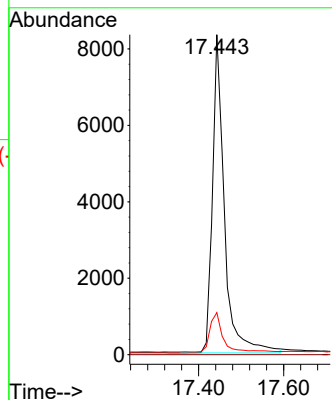
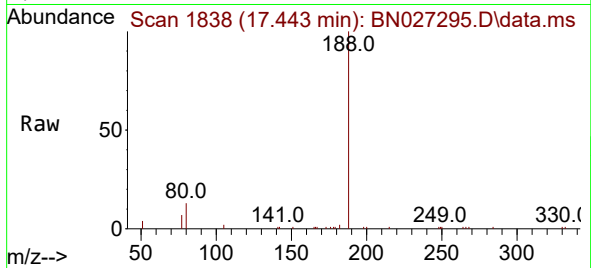




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.443 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

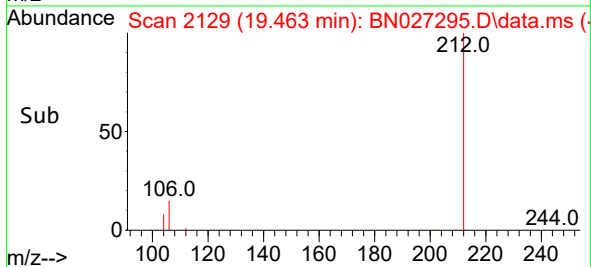
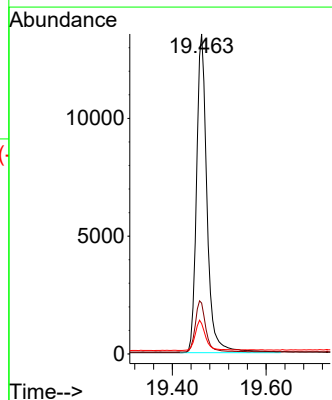
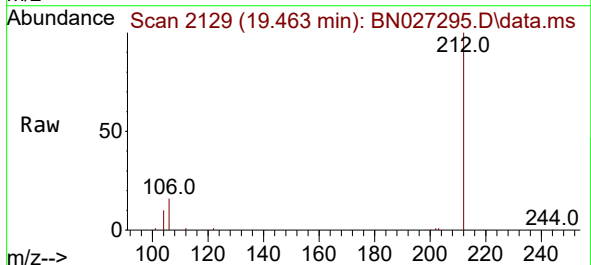
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01S-20230822

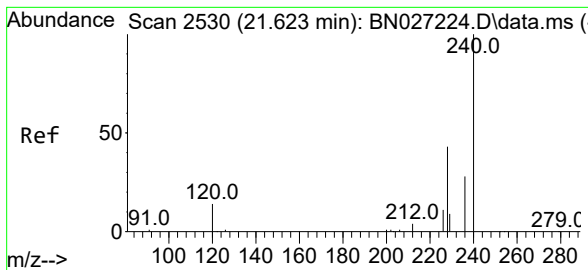
Tgt Ion:188 Resp: 16168  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 11.0 16.6



#27  
Fluoranthene-d10  
Concen: 0.522 ng  
RT: 19.463 min Scan# 2129  
Delta R.T. -0.005 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

Tgt Ion:212 Resp: 20975  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.1 18.1  
104 9.3 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027295.D

Acq: 31 Aug 2023 04:32

Instrument :

BNA\_N

ClientSampleId :

RW9-MW01S-20230822

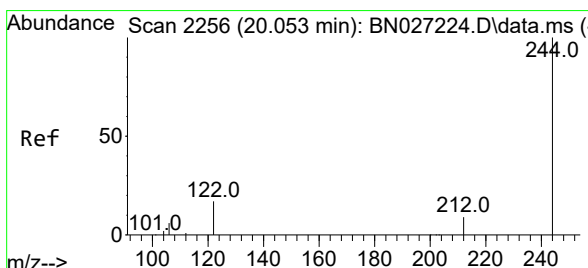
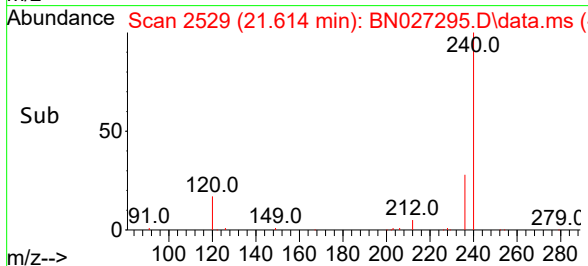
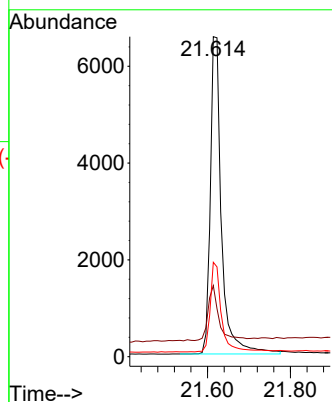
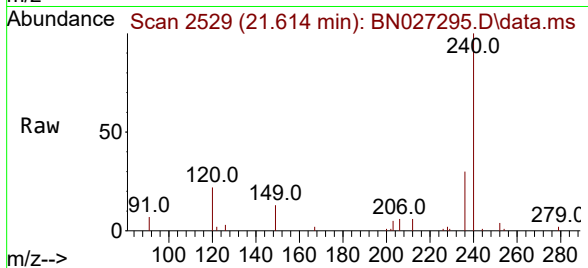
Tgt Ion:240 Resp: 12336

Ion Ratio Lower Upper

240 100

120 22.2 14.2 21.4#

236 29.5 22.9 34.3



#31

Terphenyl-d14

Concen: 0.600 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027295.D

Acq: 31 Aug 2023 04:32

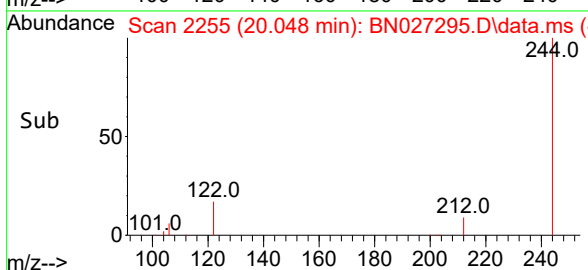
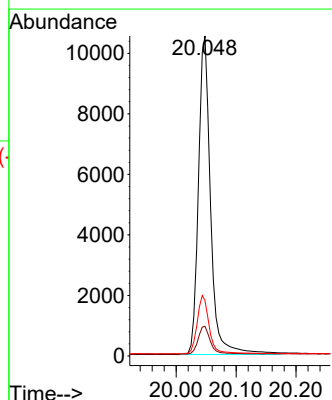
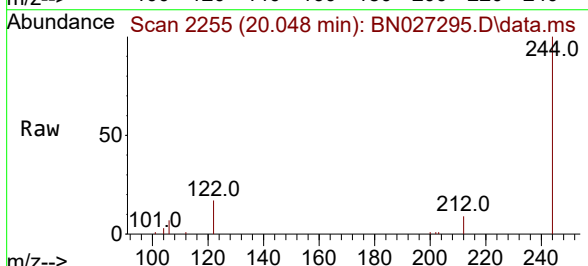
Tgt Ion:244 Resp: 14863

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

122 17.2 14.0 21.0

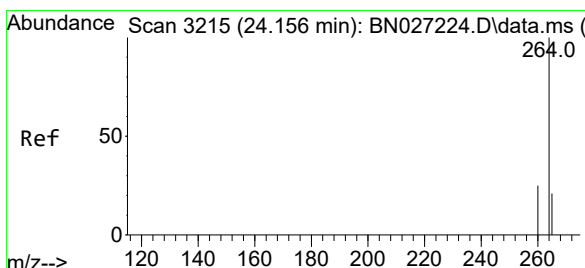
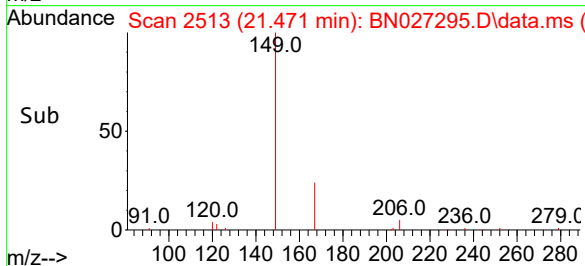
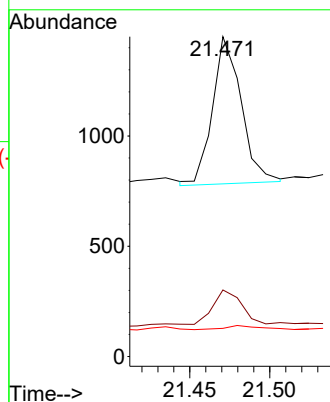
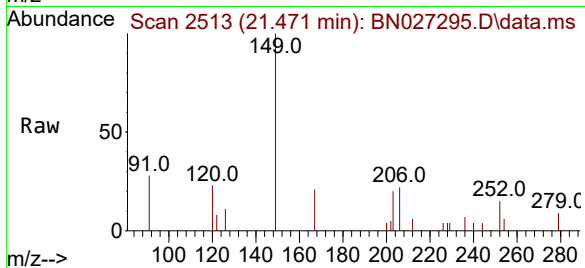




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.041 ng  
RT: 21.471 min Scan# 2149  
Delta R.T. -0.009 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

Instrument :  
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Tgt Ion:149 Resp: 832  
Ion Ratio Lower Upper  
149 100  
167 31.3 22.1 33.1  
279 4.2 2.7 4.1#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.148 min Scan# 3212  
Delta R.T. -0.009 min  
Lab File: BN027295.D  
Acq: 31 Aug 2023 04:32

Tgt Ion:264 Resp: 10490  
Ion Ratio Lower Upper  
264 100  
260 26.9 20.7 31.1  
265 85.8 53.3 79.9#

