

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
 Data File : BN027321.D  
 Acq On : 31 Aug 2023 22:32  
 Operator : MA/JU  
 Sample : 04128-02  
 Misc :  
 ALS Vial : 102 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20230821

Quant Time: Sep 01 04:04:08 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

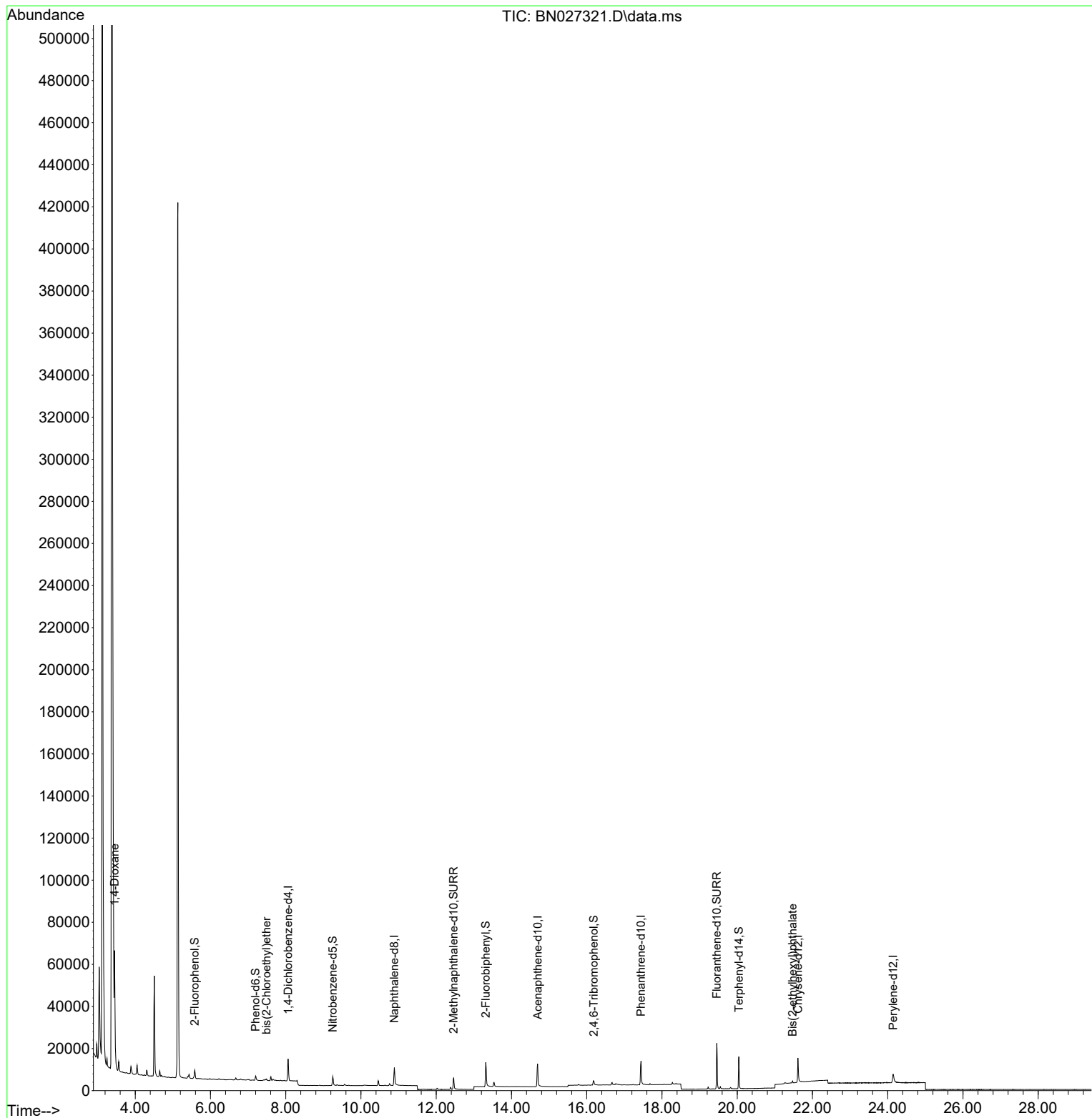
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.066  | 152  | 5098     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.885 | 136  | 13071    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.694 | 164  | 7714     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.443 | 188  | 19163    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.614 | 240  | 12829    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.145 | 264  | 8668     | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.581  | 112  | 3251     | 0.245 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.199  | 99   | 2220     | 0.137 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.251  | 82   | 3803     | 0.399 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.460 | 152  | 8835     | 0.460 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 1516     | 0.531 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.315 | 172  | 12020    | 0.410 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.458 | 212  | 24700    | 0.519 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.043 | 244  | 14818    | 0.575 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.451  | 88   | 30972    | 4.977 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.488  | 93   | 527      | 0.034 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.470 | 149  | 909      | 0.043 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

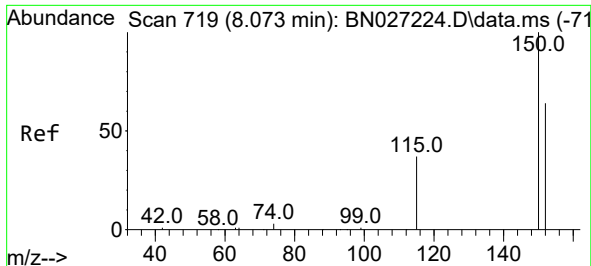
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
Data File : BN027321.D  
Acq On : 31 Aug 2023 22:32  
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Sample : 04128-02  
Misc :  
ALS Vial : 102 Sample Multiplier: 1

Instrument :  
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RE132D6-20230821

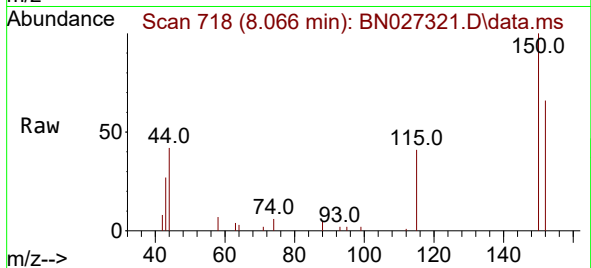
Quant Time: Sep 01 04:04:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 29 05:37:30 2023  
Response via : Initial Calibration



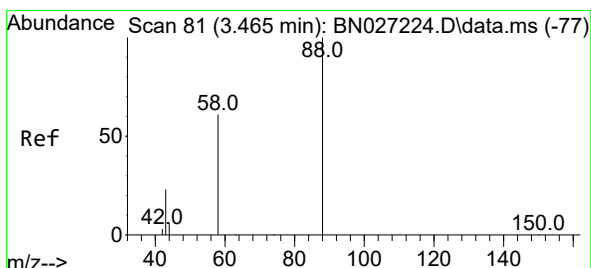
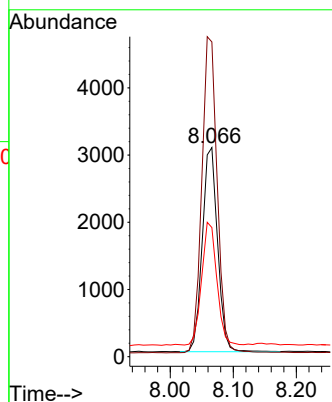
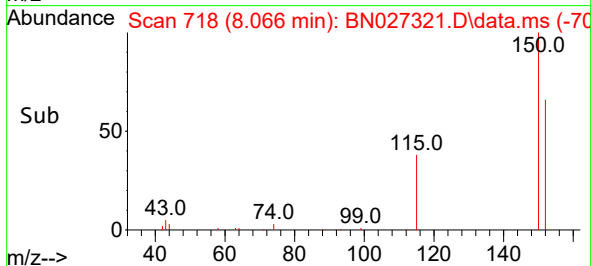


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.066 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027321.D  
 Acq: 31 Aug 2023 22:32

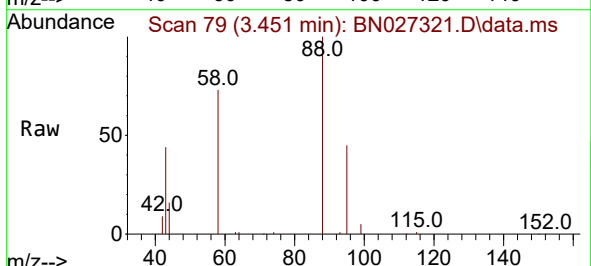
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20230821



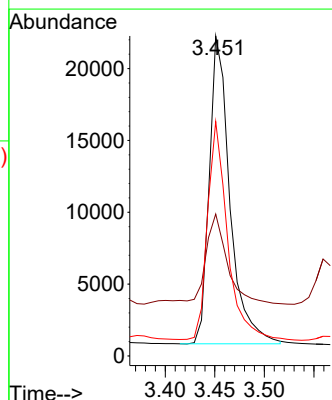
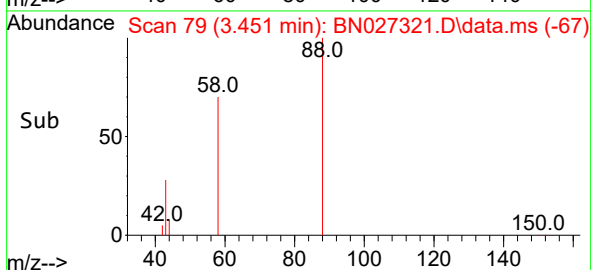
Tgt Ion:152 Resp: 5098  
 Ion Ratio Lower Upper  
 152 100  
 150 150.5 122.7 184.1  
 115 61.7 48.6 73.0

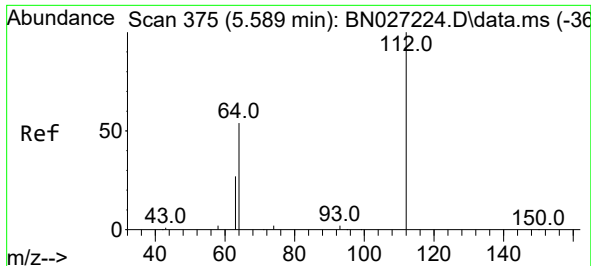


#2  
 1,4-Dioxane  
 Concen: 4.977 ng  
 RT: 3.451 min Scan# 79  
 Delta R.T. -0.015 min  
 Lab File: BN027321.D  
 Acq: 31 Aug 2023 22:32



Tgt Ion: 88 Resp: 30972  
 Ion Ratio Lower Upper  
 88 100  
 43 29.6 19.1 28.7#  
 58 68.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.245 ng

RT: 5.581 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20230821

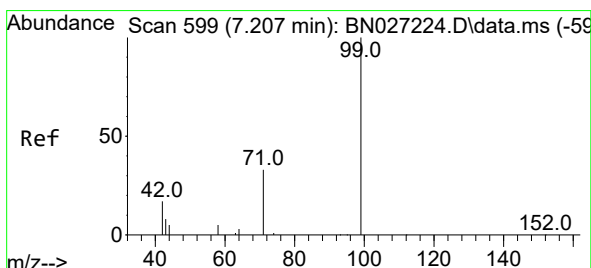
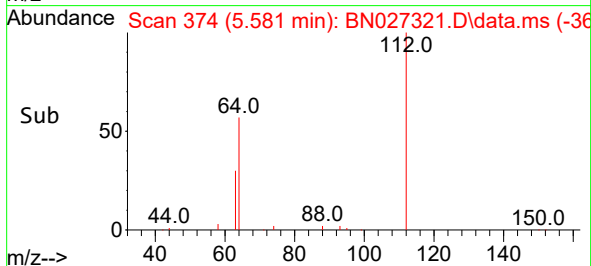
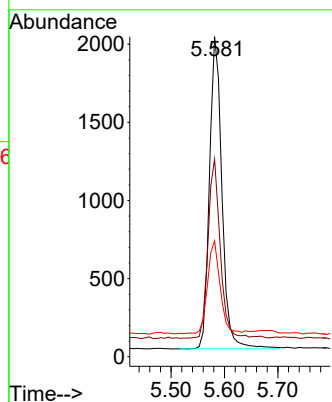
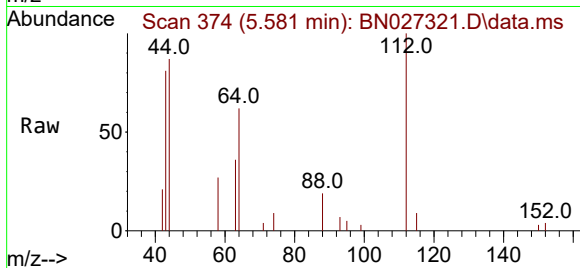
Tgt Ion:112 Resp: 3251

Ion Ratio Lower Upper

112 100

64 56.2 44.4 66.6

63 29.9 23.1 34.7



#5

Phenol-d6

Concen: 0.137 ng

RT: 7.199 min Scan# 598

Delta R.T. -0.007 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

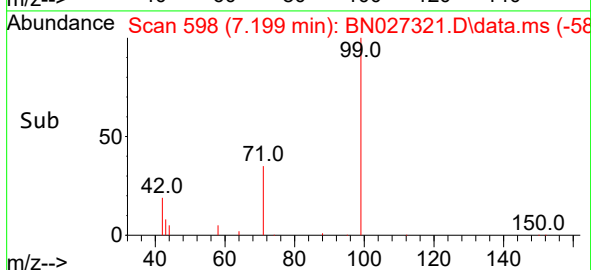
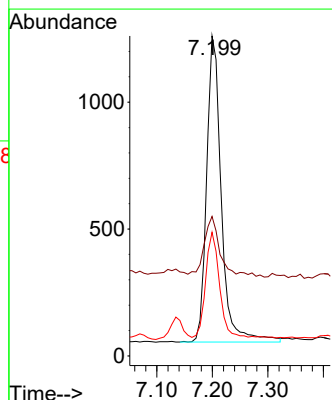
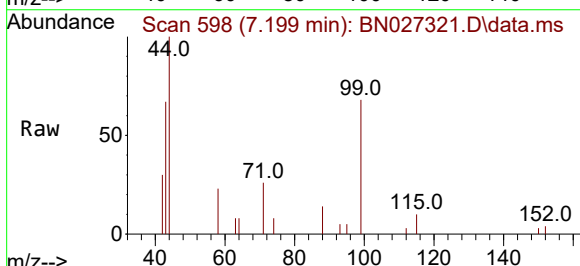
Tgt Ion: 99 Resp: 2220

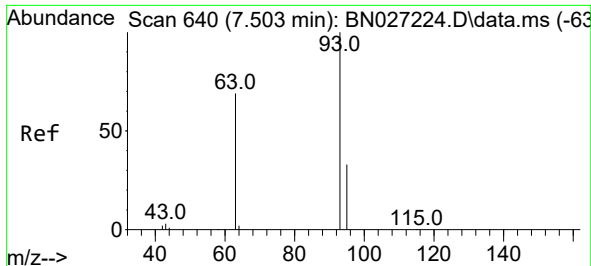
Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

71 32.9 25.8 38.6

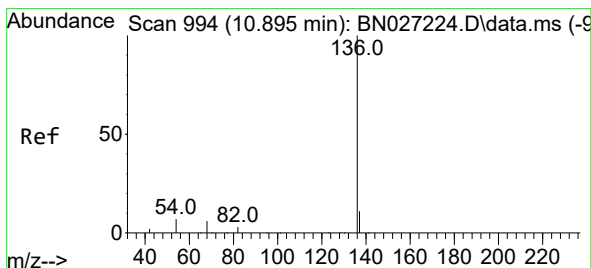
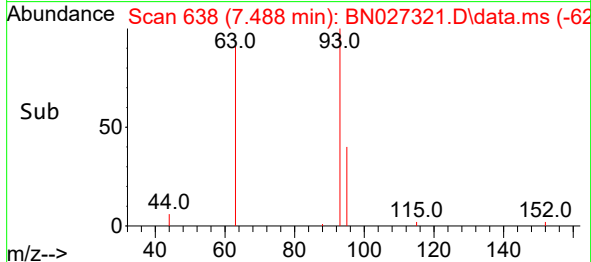
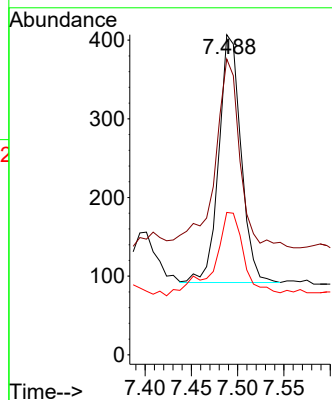
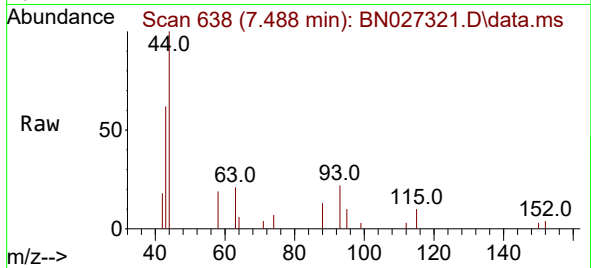




#6  
bis(2-Chloroethyl)ether  
Concen: 0.034 ng  
RT: 7.488 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

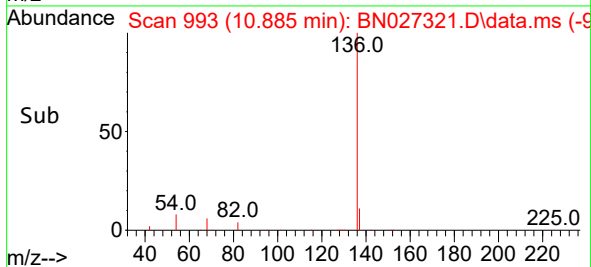
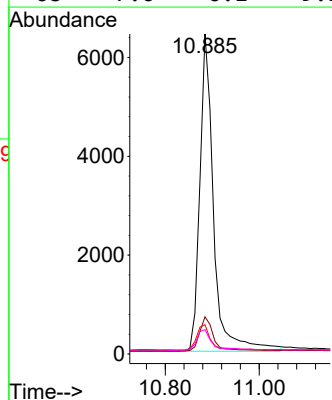
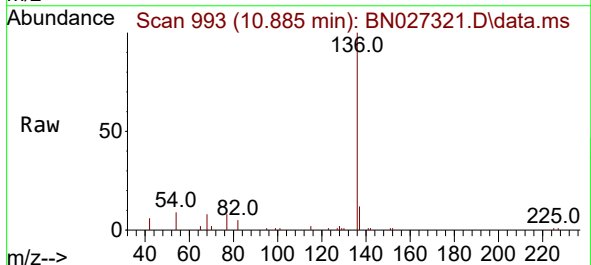
Instrument :  
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RE132D6-20230821

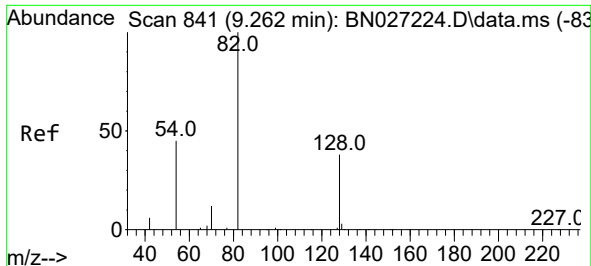
Tgt Ion: 93 Resp: 527  
Ion Ratio Lower Upper  
93 100  
63 86.5 58.5 87.7  
95 46.1 26.1 39.1#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.885 min Scan# 993  
Delta R.T. -0.011 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

Tgt Ion:136 Resp: 13071  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.3 13.9  
54 9.2 6.7 10.1  
68 7.6 6.1 9.1

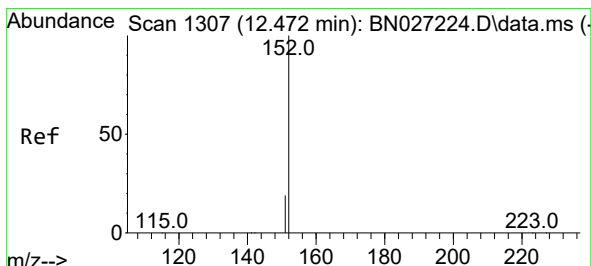
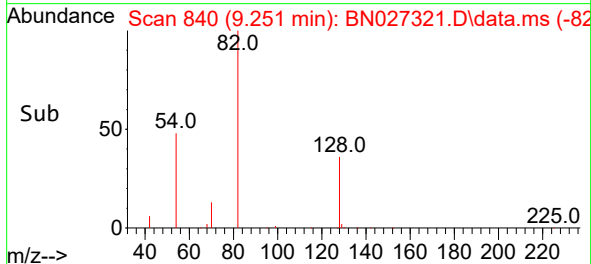
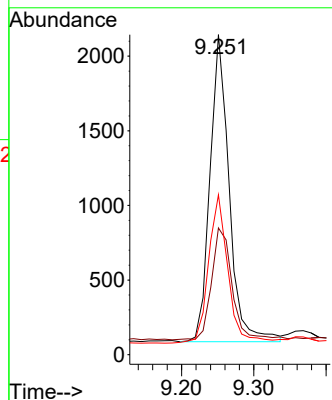
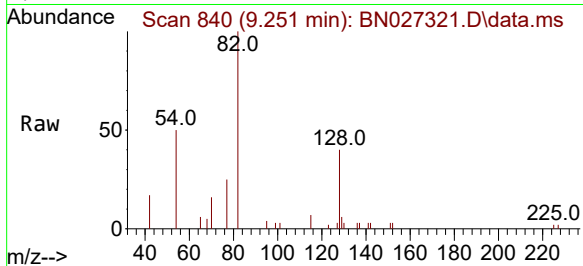




#8  
Nitrobenzene-d5  
Concen: 0.399 ng  
RT: 9.251 min Scan# 841  
Delta R.T. -0.011 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

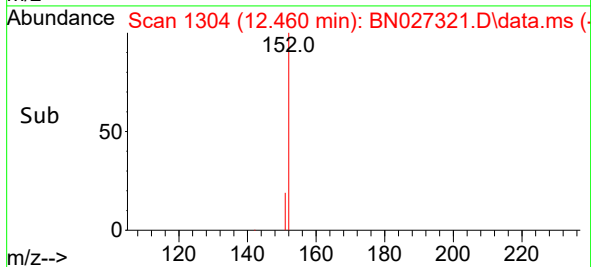
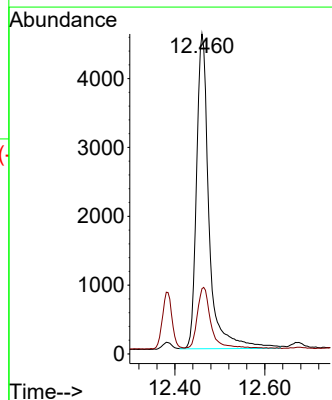
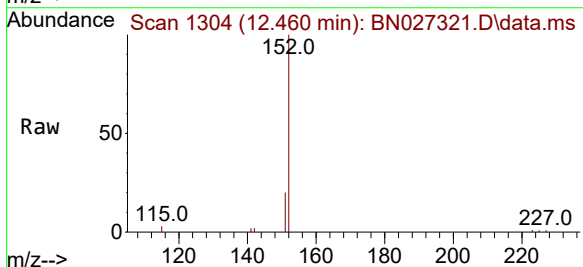
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20230821

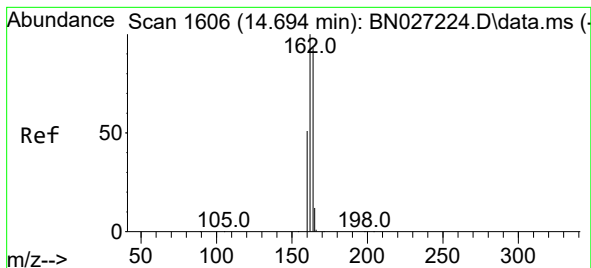
Tgt Ion: 82 Resp: 3803  
Ion Ratio Lower Upper  
82 100  
128 39.6 33.4 50.0  
54 50.0 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.460 ng  
RT: 12.460 min Scan# 1304  
Delta R.T. -0.011 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

Tgt Ion: 152 Resp: 8835  
Ion Ratio Lower Upper  
152 100  
151 20.5 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: BN027321.D

Acq: 31 Aug 2023 22:32

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20230821

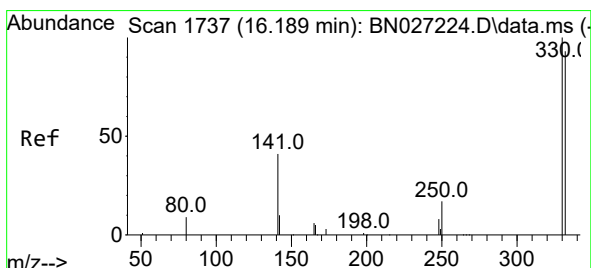
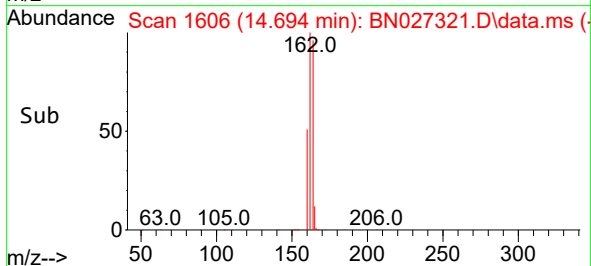
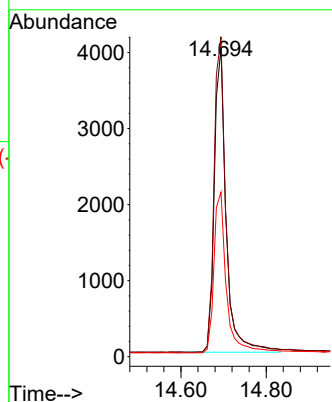
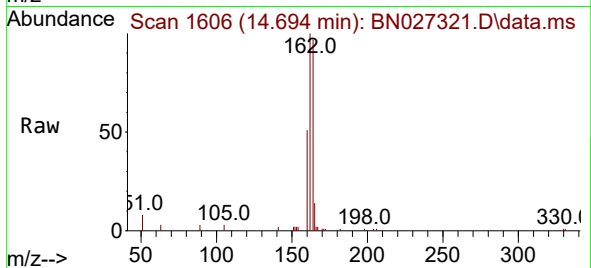
Tgt Ion:164 Resp: 7714

Ion Ratio Lower Upper

164 100

162 103.6 85.8 128.8

160 53.3 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.531 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

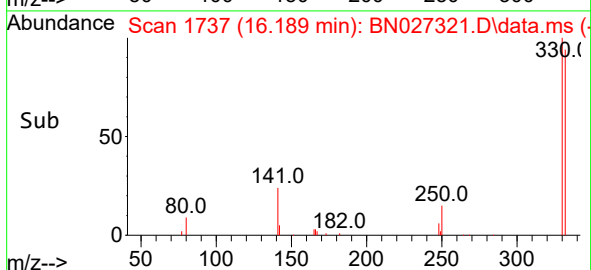
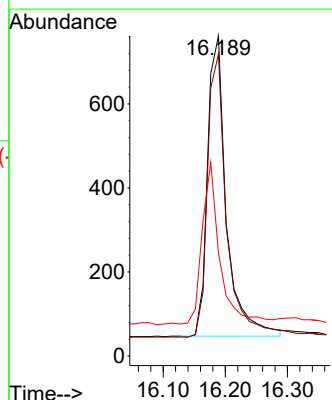
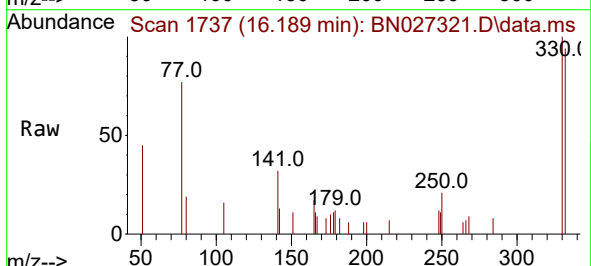
Tgt Ion:330 Resp: 1516

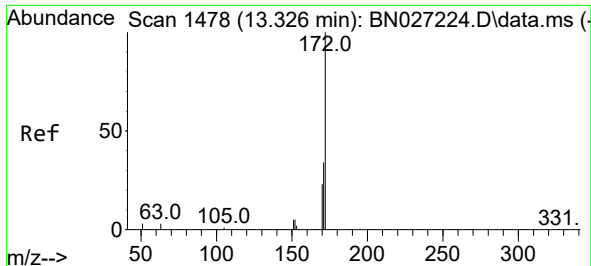
Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 50.2 36.2 54.4

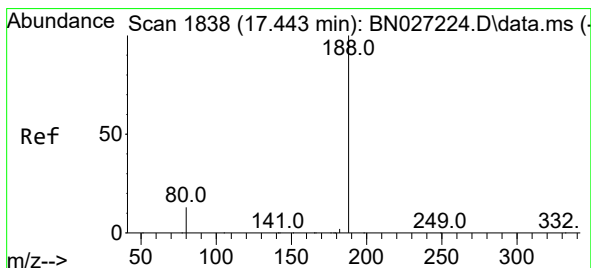
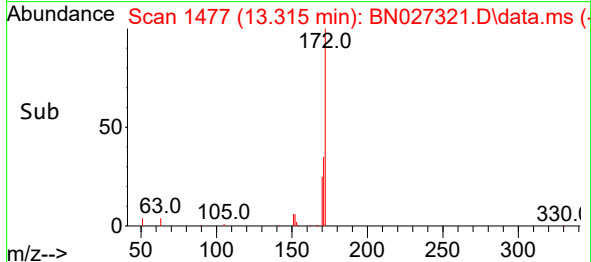
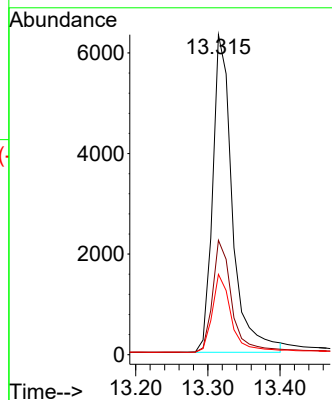
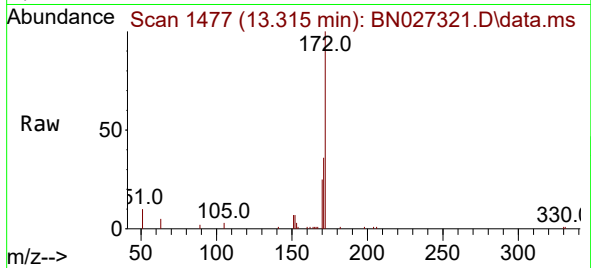




#15  
2-Fluorobiphenyl  
Concen: 0.410 ng  
RT: 13.315 min Scan# 1478  
Delta R.T. -0.011 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

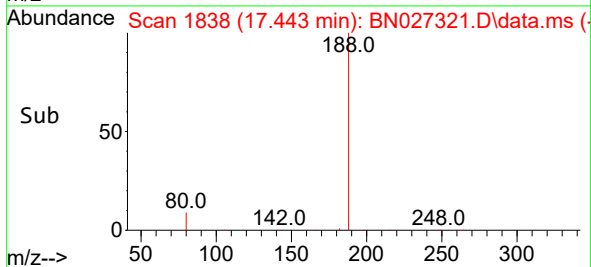
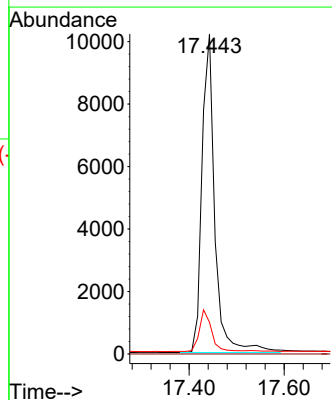
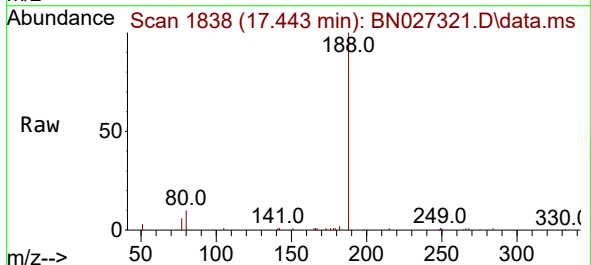
Instrument :  
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RE132D6-20230821

Tgt Ion:172 Resp: 12020  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.8 41.8  
170 25.1 19.3 28.9

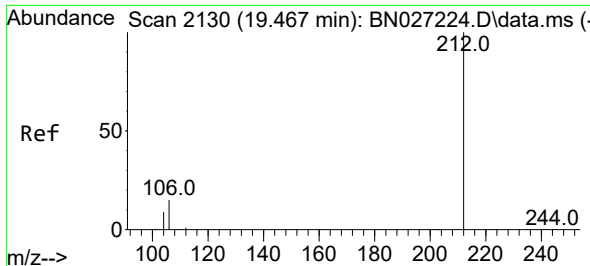


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.443 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

Tgt Ion:188 Resp: 19163  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.9 11.0 16.6#



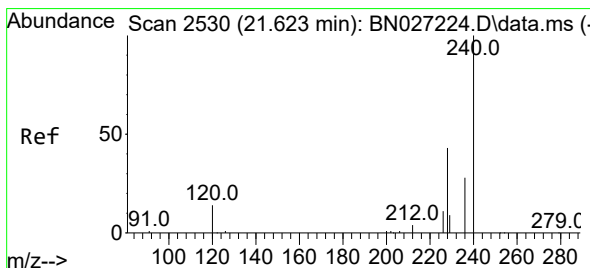
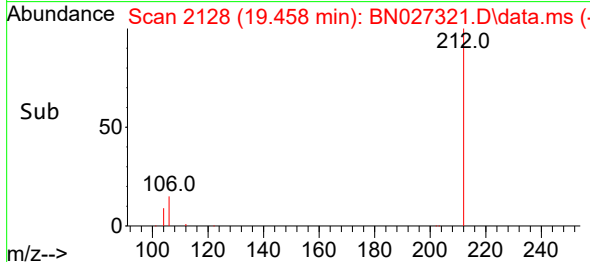
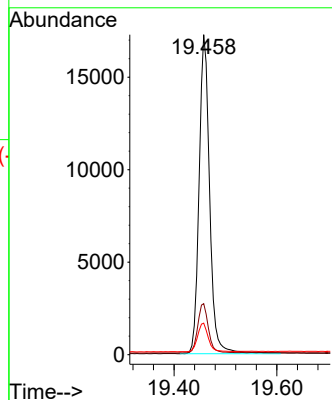
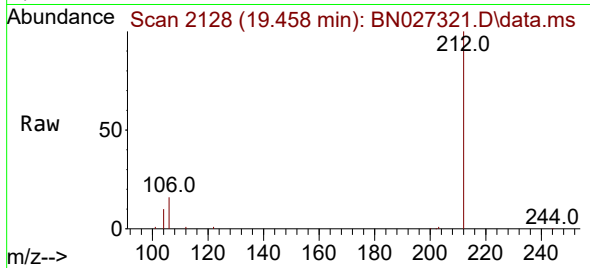




#27  
Fluoranthene-d10  
Concen: 0.519 ng  
RT: 19.458 min Scan# 2128  
Delta R.T. -0.009 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

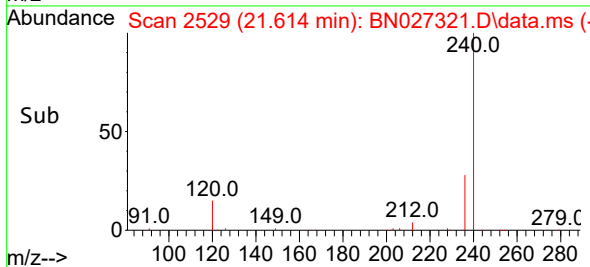
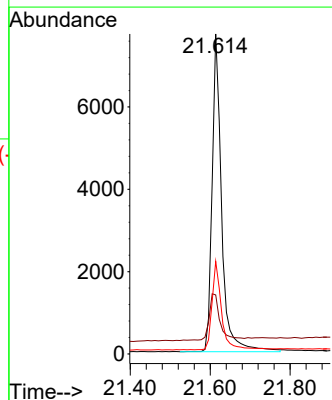
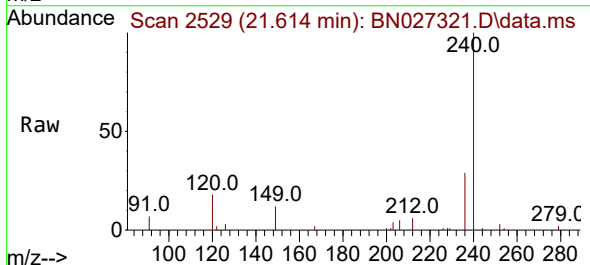
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20230821

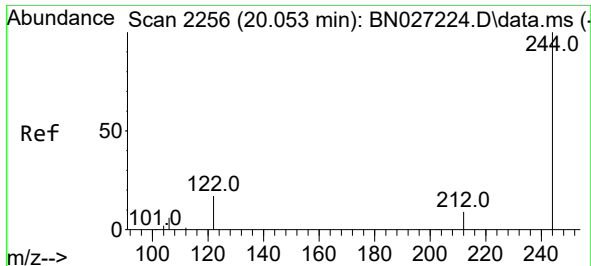
Tgt Ion:212 Resp: 24700  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.1 18.1  
104 9.0 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.614 min Scan# 2529  
Delta R.T. -0.009 min  
Lab File: BN027321.D  
Acq: 31 Aug 2023 22:32

Tgt Ion:240 Resp: 12829  
Ion Ratio Lower Upper  
240 100  
120 18.4 14.2 21.4  
236 29.0 22.9 34.3

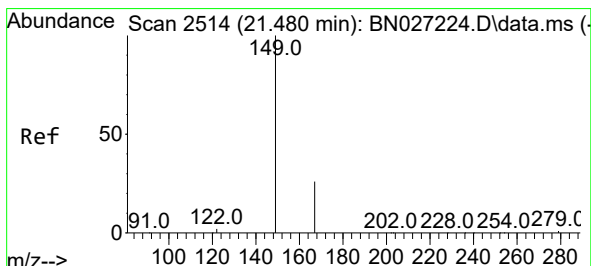
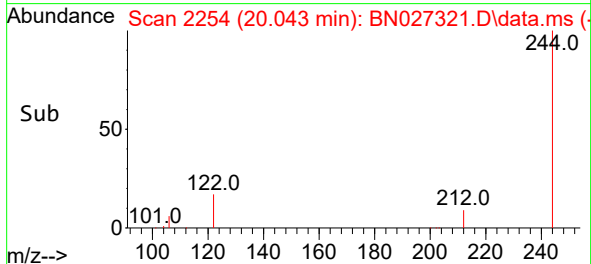
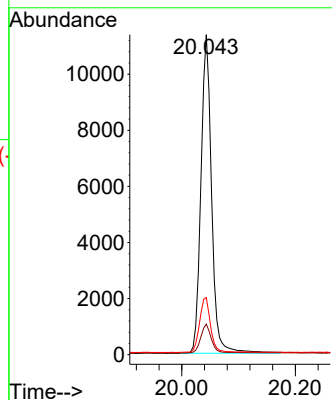
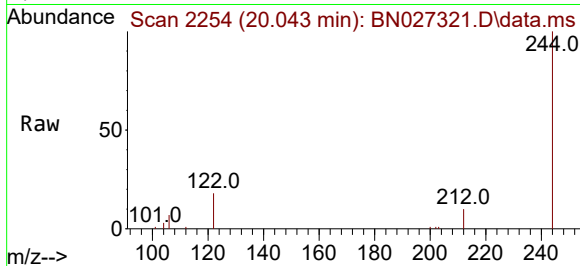




#31  
 Terphenyl-d14  
 Concen: 0.575 ng  
 RT: 20.043 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN027321.D  
 Acq: 31 Aug 2023 22:32

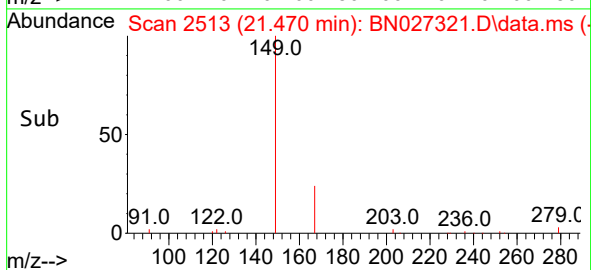
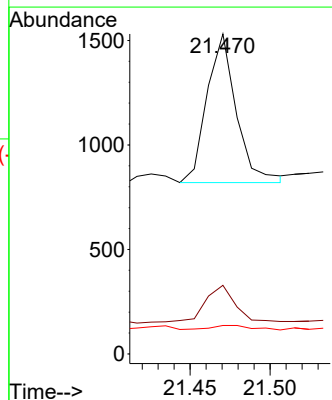
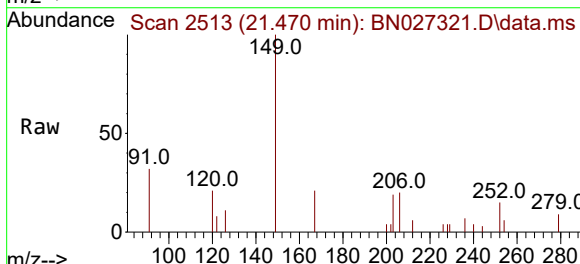
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20230821

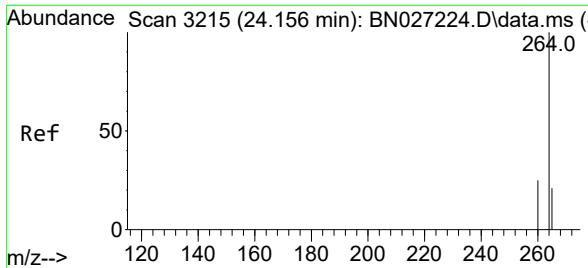
Tgt Ion:244 Resp: 14818  
 Ion Ratio Lower Upper  
 244 100  
 212 9.5 7.5 11.3  
 122 17.9 14.0 21.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.043 ng  
 RT: 21.470 min Scan# 2513  
 Delta R.T. -0.009 min  
 Lab File: BN027321.D  
 Acq: 31 Aug 2023 22:32

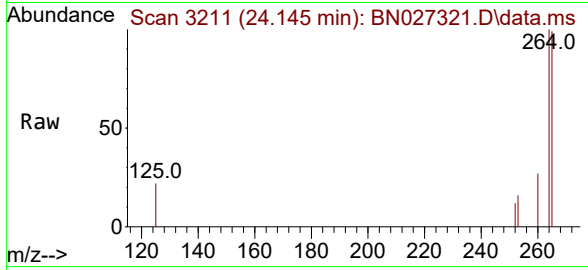
Tgt Ion:149 Resp: 909  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 22.1 33.1  
 279 4.1 2.7 4.1





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.145 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BN027321.D  
 Acq: 31 Aug 2023 22:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20230821



Tgt Ion:264 Resp: 8668  
 Ion Ratio Lower Upper  
 264 100  
 260 27.0 20.7 31.1  
 265 98.7 53.3 79.9#

