

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081924\  
 Data File : BN033496.D  
 Acq On : 20 Aug 2024 08:59  
 Operator : MA/JU  
 Sample : P3650-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP201-20240814

Quant Time: Aug 20 09:23:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 19 23:32:18 2024  
 Response via : Initial Calibration

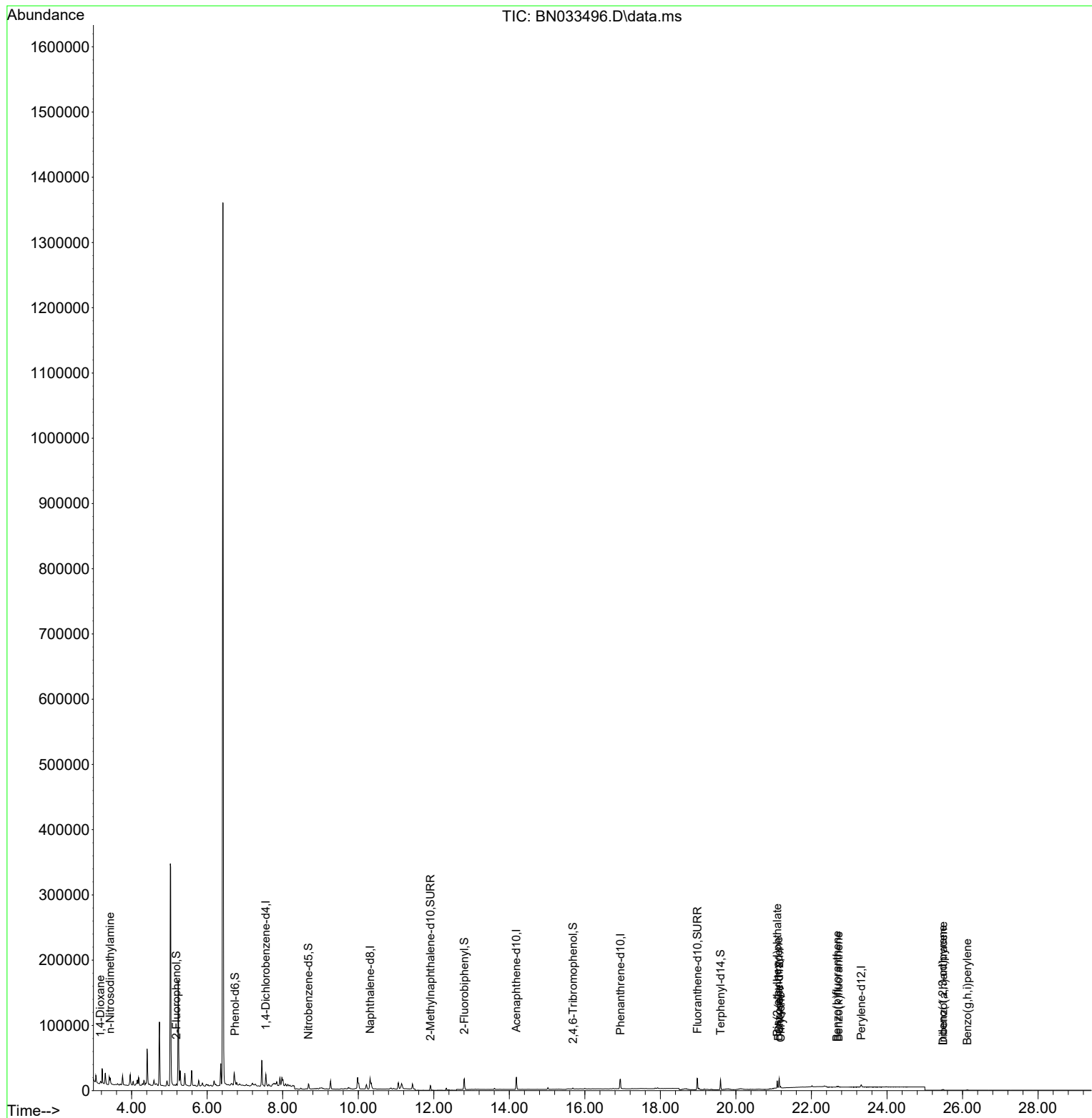
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.552  | 152  | 7590     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.314 | 136  | 20313    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.189 | 164  | 10315    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.942 | 188  | 21906    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.148 | 240  | 12836    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.317 | 264  | 4363     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.183  | 112  | 1962     | 0.081 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.736  | 99   | 1782     | 0.062 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.681  | 82   | 5147     | 0.306 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.911 | 152  | 9461     | 0.326 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.688 | 330  | 853      | 0.154 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.809 | 172  | 14563    | 0.346 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.979 | 212  | 19335    | 0.367 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.593 | 244  | 13441    | 0.461 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.168  | 88   | 236      | 0.027 | ng    | # 1      |
| 3) n-Nitrosodimethylamine     | 3.428  | 42   | 4077     | 0.401 | ng    | # 1      |
| 32) Benzo(a)anthracene        | 21.130 | 228  | 998      | 0.022 | ng    | # 87     |
| 33) Chrysene                  | 21.184 | 228  | 1841     | 0.040 | ng    | 93       |
| 34) Bis(2-ethylhexyl)phtha... | 21.094 | 149  | 9497     | 0.323 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.475 | 276  | 1149     | 0.063 | ng    | # 87     |
| 37) Benzo(b)fluoranthene      | 22.674 | 252  | 1540     | 0.095 | ng    | # 17     |
| 38) Benzo(k)fluoranthene      | 22.715 | 252  | 1441     | 0.090 | ng    | # 9      |
| 40) Dibenzo(a,h)anthracene    | 25.490 | 278  | 1076     | 0.074 | ng    | # 38     |
| 41) Benzo(g,h,i)perylene      | 26.127 | 276  | 1162     | 0.075 | ng    | # 65     |
| -----                         |        |      |          |       |       |          |

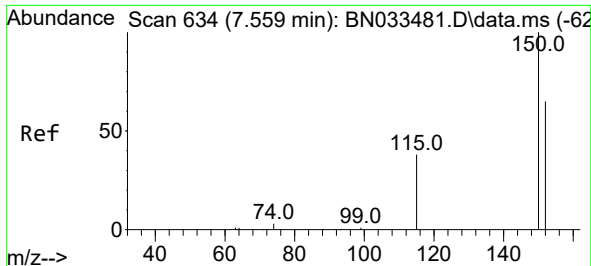
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081924\  
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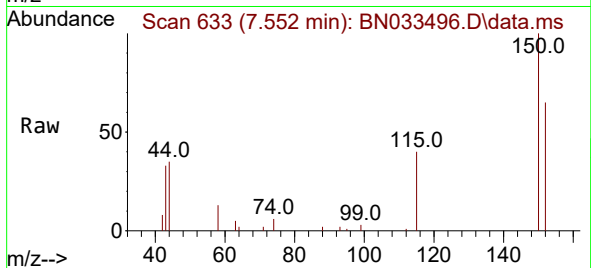
Quant Time: Aug 20 09:23:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
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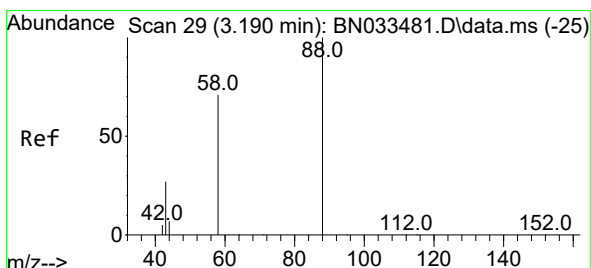
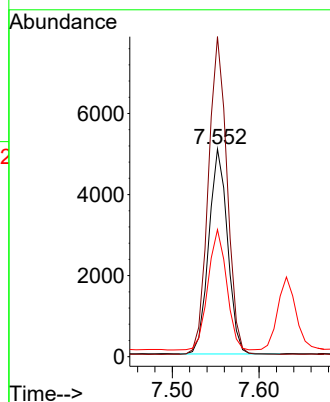
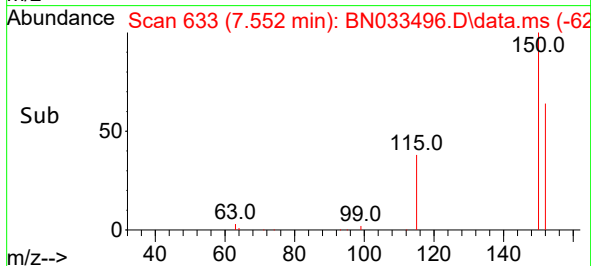


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.552 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN033496.D  
 Acq: 20 Aug 2024 08:59

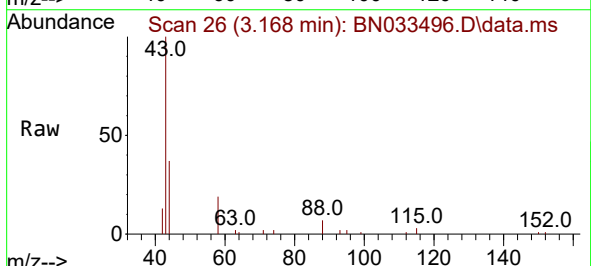
Instrument :  
 BNA\_N  
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 RW7-SP201-20240814



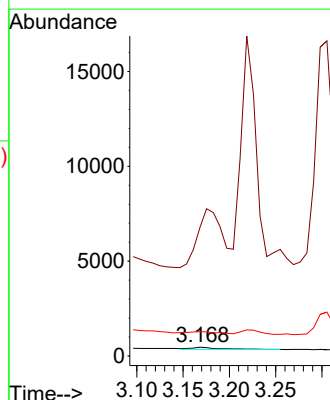
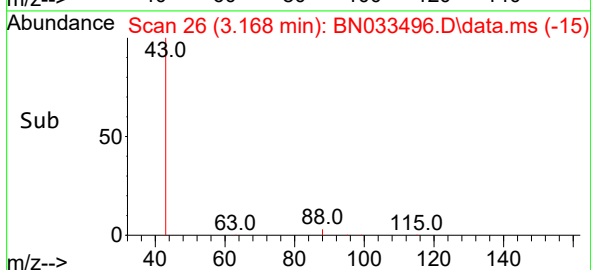
Tgt Ion:152 Resp: 7590  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 122.2 183.2  
 115 61.2 47.2 70.8

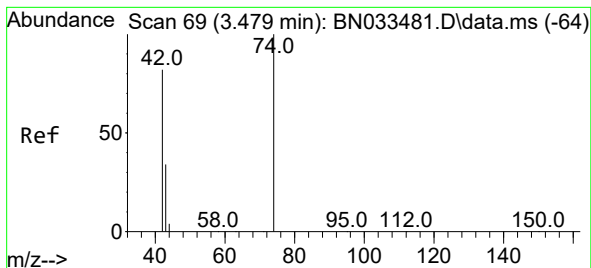


#2  
 1,4-Dioxane  
 Concen: 0.027 ng  
 RT: 3.168 min Scan# 26  
 Delta R.T. -0.022 min  
 Lab File: BN033496.D  
 Acq: 20 Aug 2024 08:59



Tgt Ion: 88 Resp: 236  
 Ion Ratio Lower Upper  
 88 100  
 43 2465.7 25.0 37.4#  
 58 83.5 62.5 93.7





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.428 min Scan# 61

Delta R.T. -0.051 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA\_N

ClientSampleId :

RW7-SP201-20240814

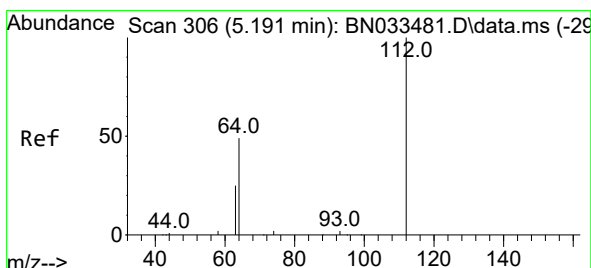
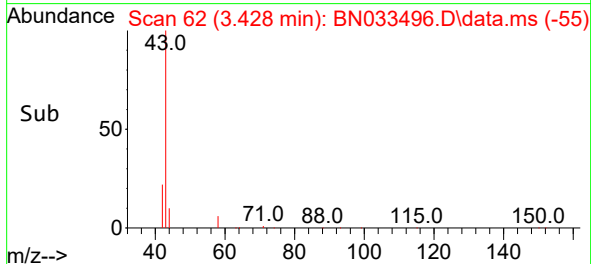
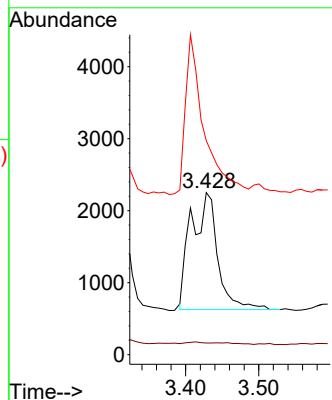
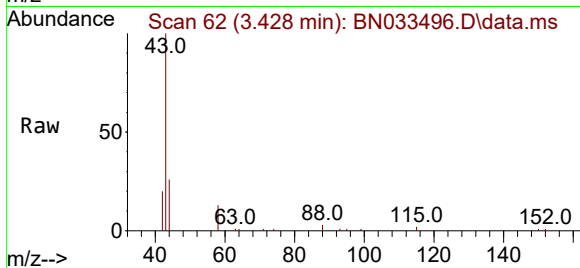
Tgt Ion: 42 Resp: 4077

Ion Ratio Lower Upper

42 100

74 0.0 100.2 150.2#

44 0.0 5.3 7.9#



#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.183 min Scan# 305

Delta R.T. -0.007 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

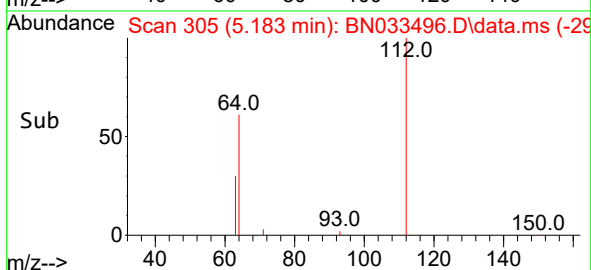
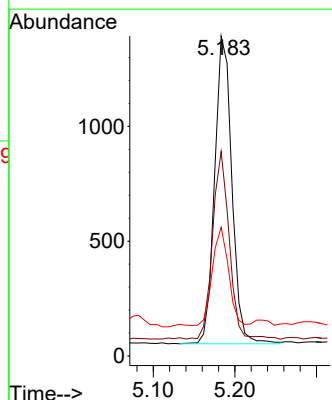
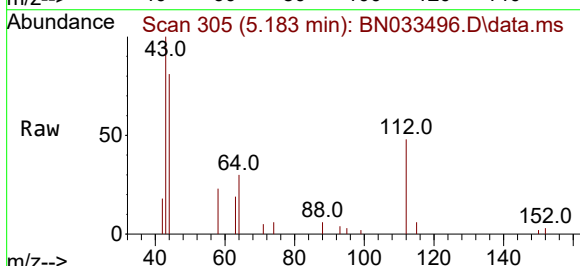
Tgt Ion: 112 Resp: 1962

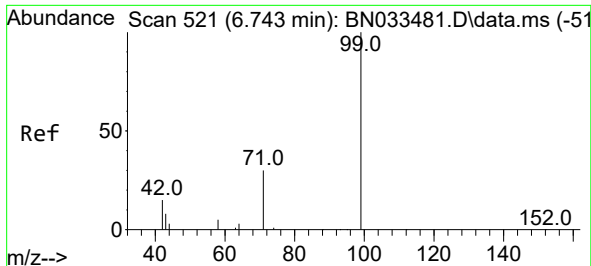
Ion Ratio Lower Upper

112 100

64 59.1 47.1 70.7

63 30.3 24.9 37.3

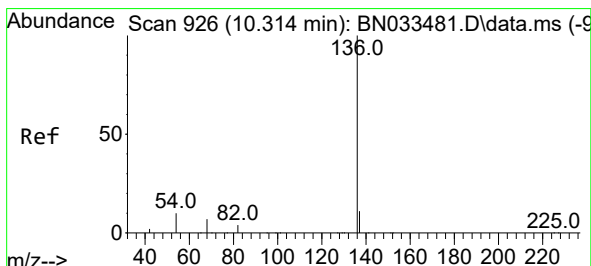
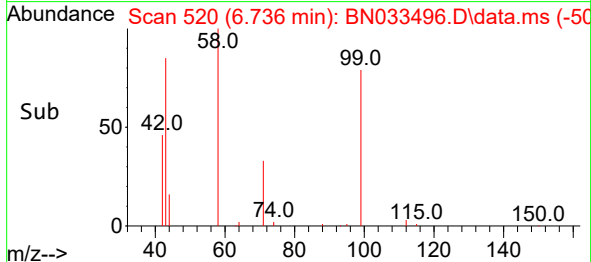
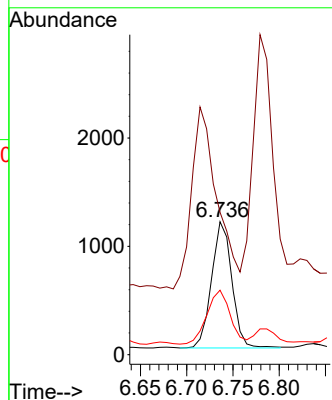
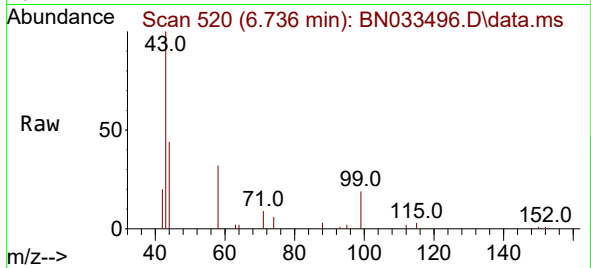




#5  
Phenol-d6  
Concen: 0.062 ng  
RT: 6.736 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

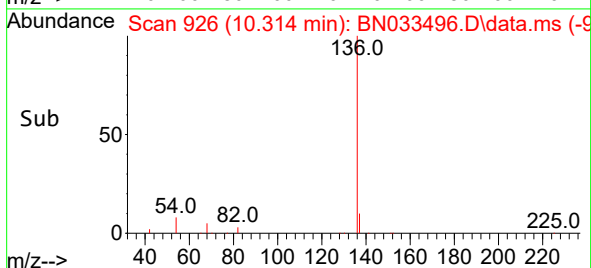
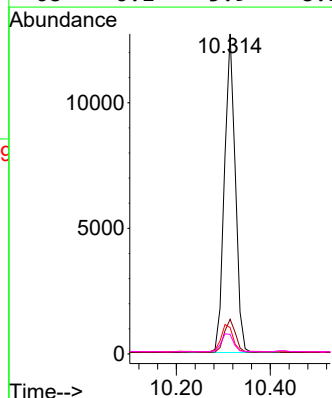
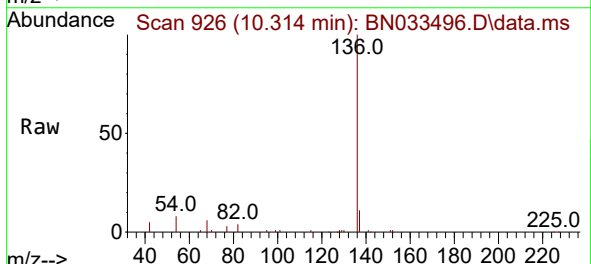
Instrument :  
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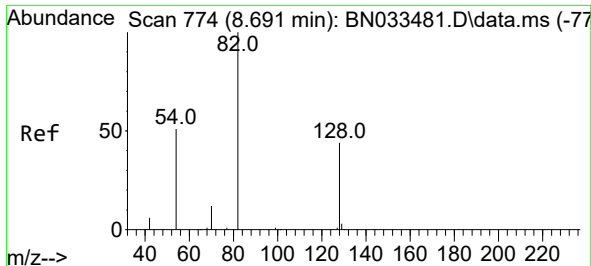
Tgt Ion: 99 Resp: 1782  
Ion Ratio Lower Upper  
99 100  
42 0.0 16.6 24.8#  
71 48.9 26.2 39.4#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.314 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion: 136 Resp: 20313  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.6  
54 8.2 8.3 12.5#  
68 6.1 5.9 8.9

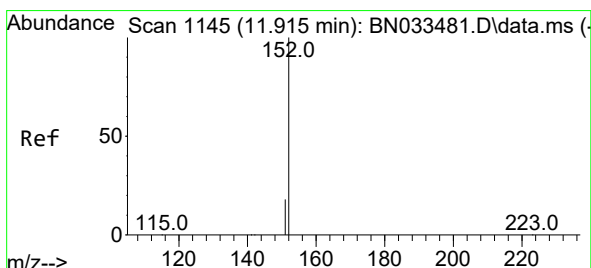
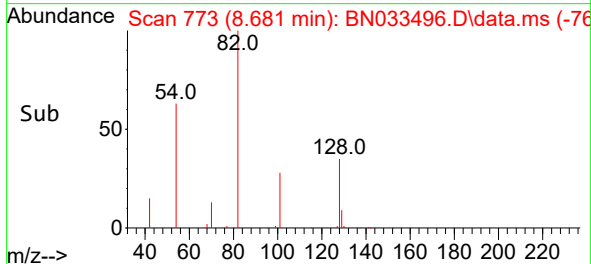
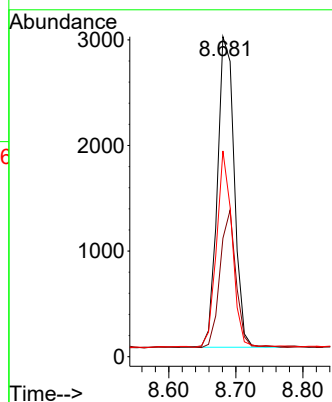
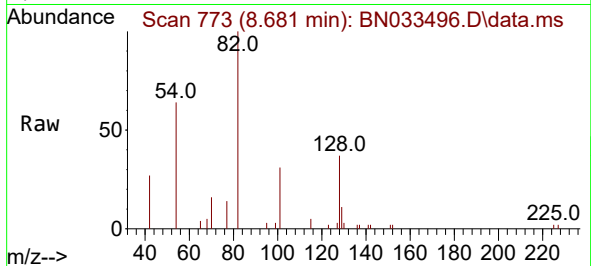




#8  
Nitrobenzene-d5  
Concen: 0.306 ng  
RT: 8.681 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

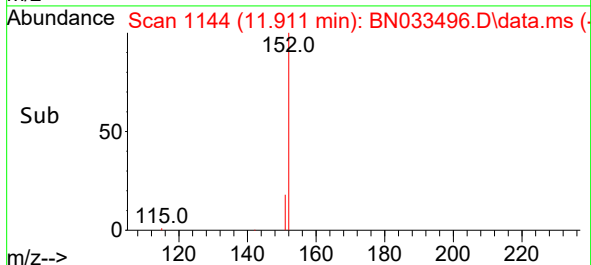
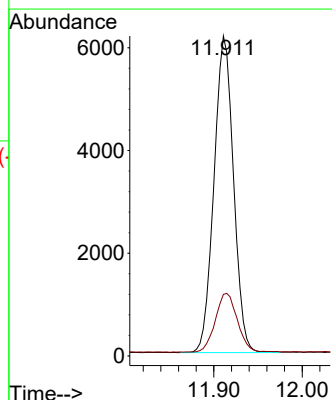
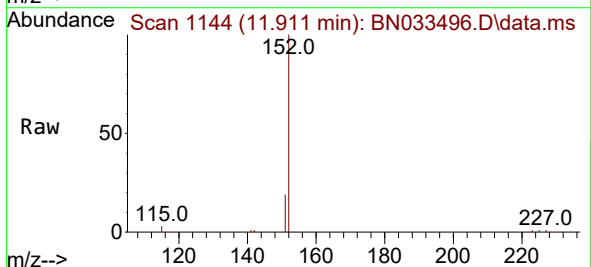
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP201-20240814

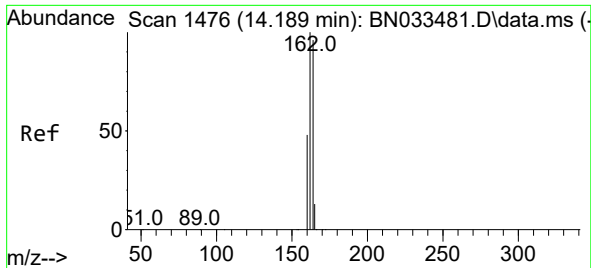
Tgt Ion: 82 Resp: 5147  
Ion Ratio Lower Upper  
82 100  
128 37.0 36.0 54.0  
54 64.3 42.0 63.0#



#11  
2-Methylnaphthalene-d10  
Concen: 0.326 ng  
RT: 11.911 min Scan# 1144  
Delta R.T. -0.004 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion: 152 Resp: 9461  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.6 25.0

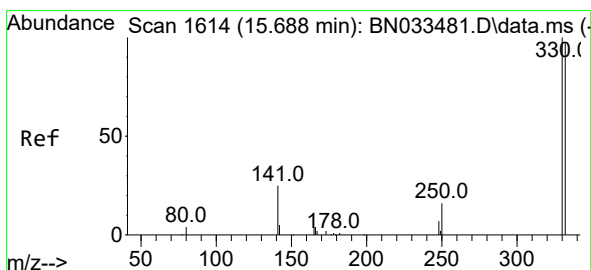
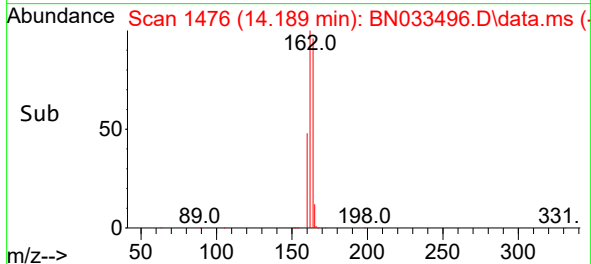
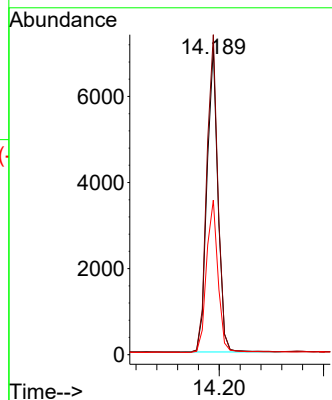
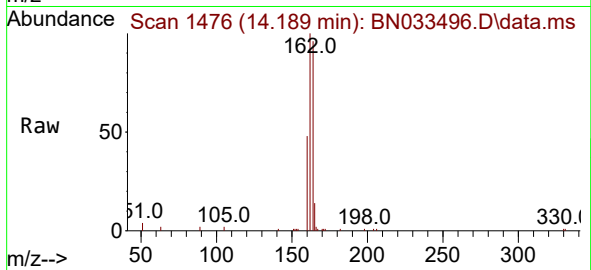




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.189 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

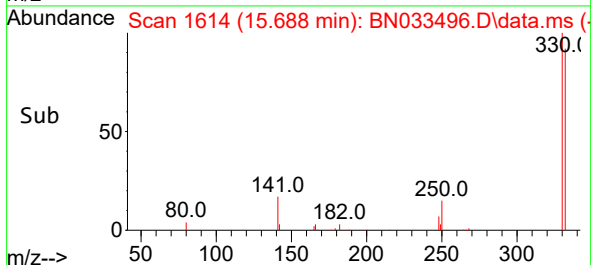
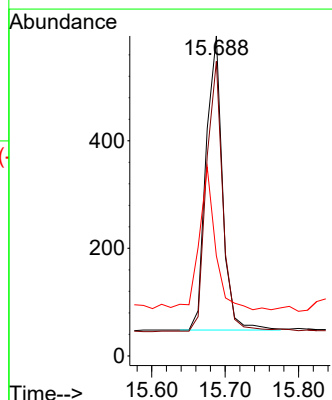
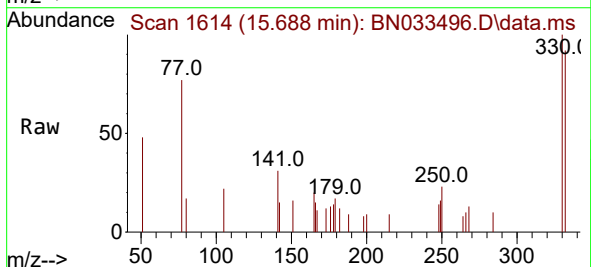
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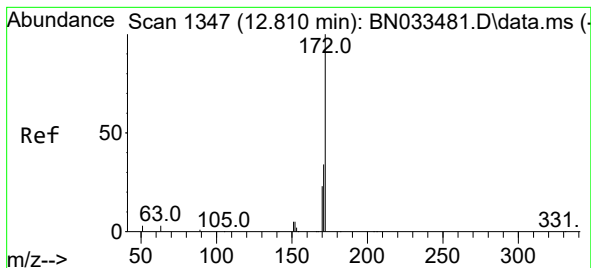
Tgt Ion:164 Resp: 10315  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.5 125.3  
160 50.3 40.2 60.4



#14  
2,4,6-Tribromophenol  
Concen: 0.154 ng  
RT: 15.688 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion:330 Resp: 853  
Ion Ratio Lower Upper  
330 100  
332 91.6 77.5 116.3  
141 47.5 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 12.809 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA\_N

ClientSampleId :

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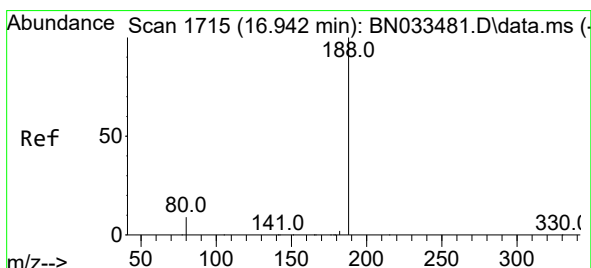
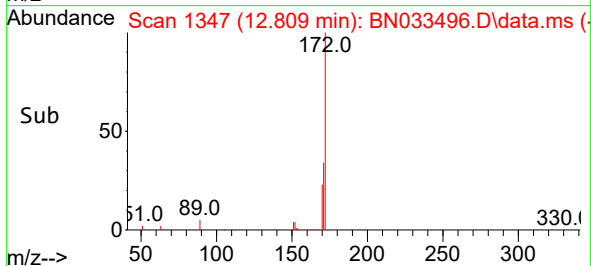
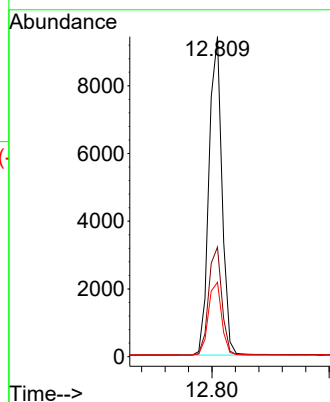
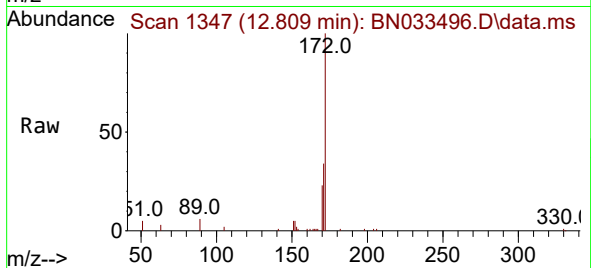
Tgt Ion:172 Resp: 14563

Ion Ratio Lower Upper

172 100

171 34.2 27.7 41.5

170 23.3 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

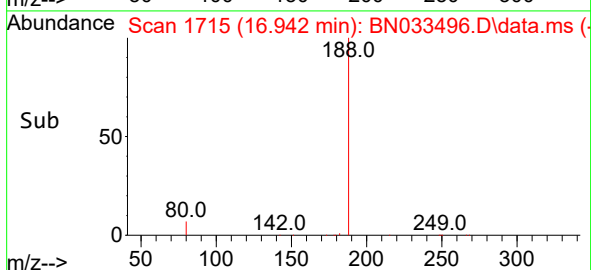
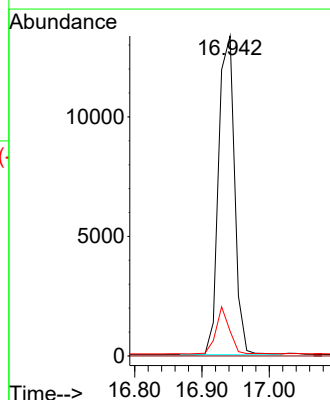
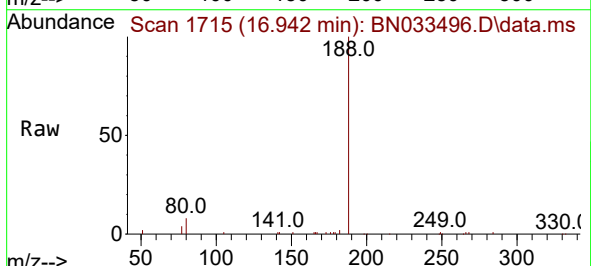
Tgt Ion:188 Resp: 21906

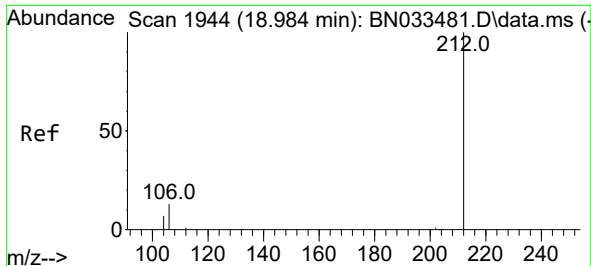
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.8 11.8#

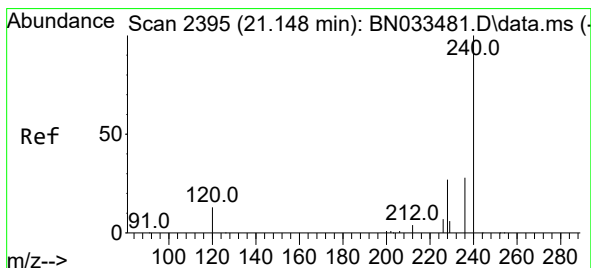
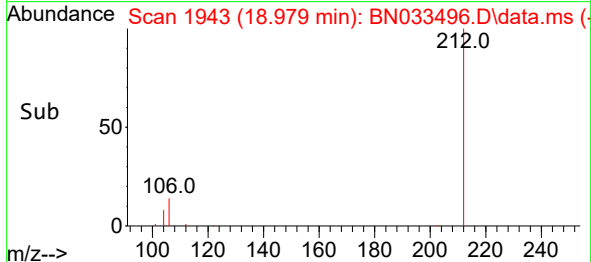
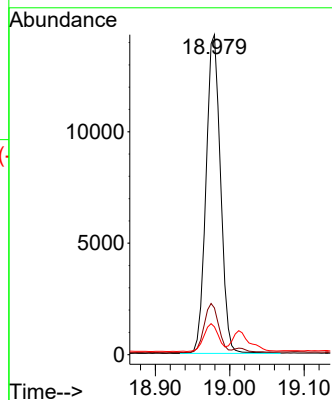
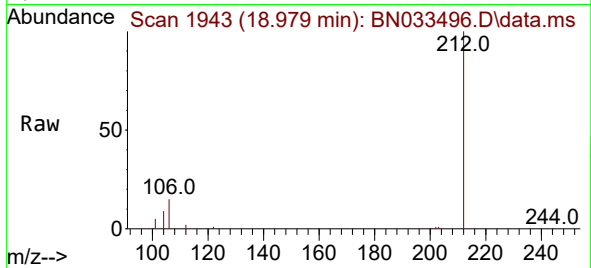




#27  
Fluoranthene-d10  
Concen: 0.367 ng  
RT: 18.979 min Scan# 1943  
Delta R.T. -0.005 min  
Lab File: BN033496.D  
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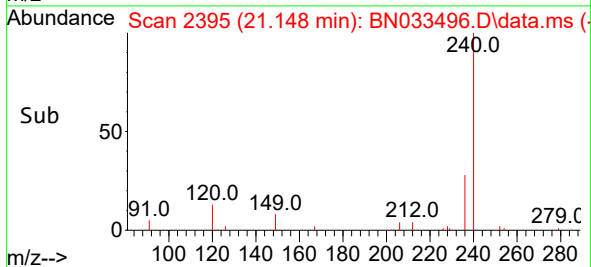
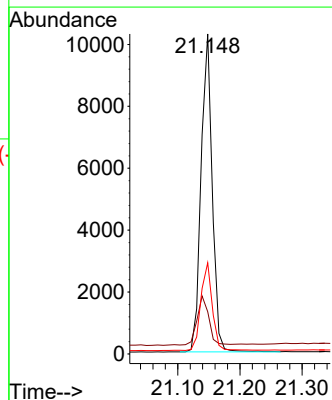
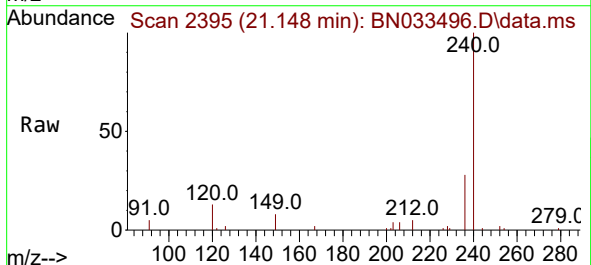
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP201-20240814

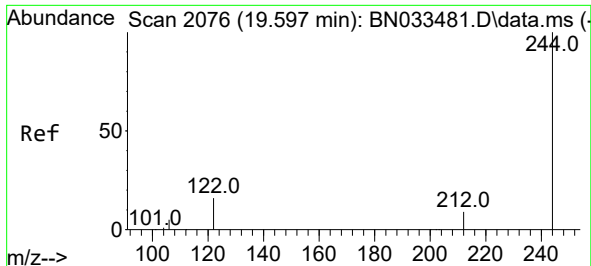
Tgt Ion:212 Resp: 19335  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.3 18.5  
104 8.8 7.0 10.4



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.148 min Scan# 2395  
Delta R.T. -0.000 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion:240 Resp: 12836  
Ion Ratio Lower Upper  
240 100  
120 13.2 12.4 18.6  
236 28.5 23.0 34.6

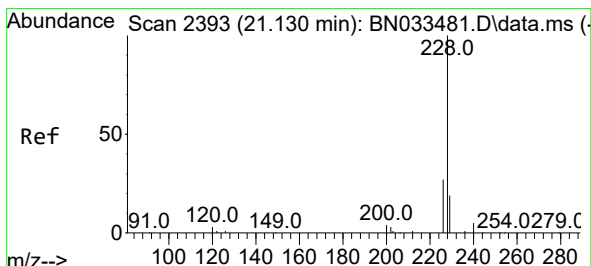
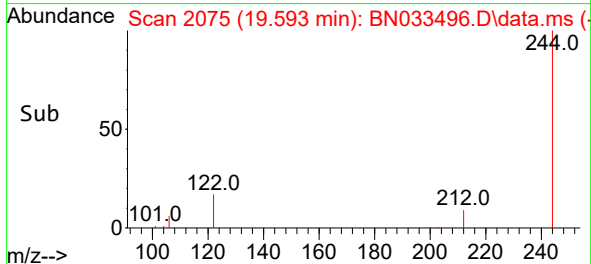
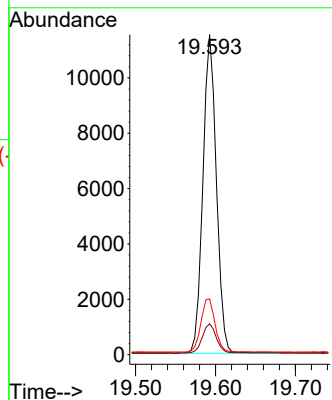
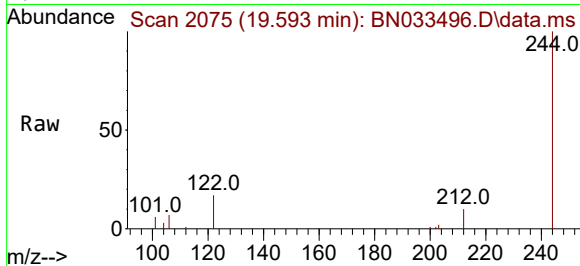




#31  
 Terphenyl-d14  
 Concen: 0.461 ng  
 RT: 19.593 min Scan# 2075  
 Delta R.T. -0.005 min  
 Lab File: BN033496.D  
 Acq: 20 Aug 2024 08:59

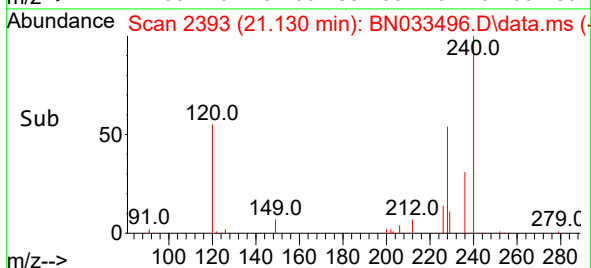
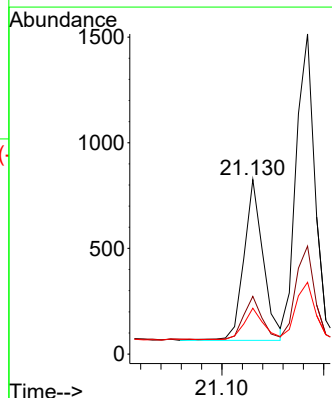
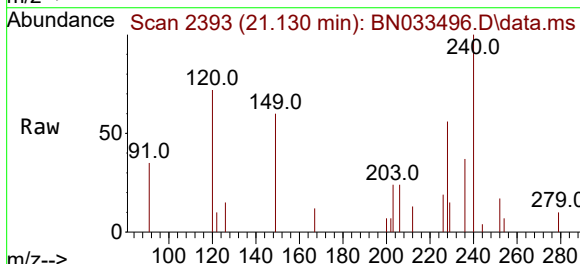
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP201-20240814

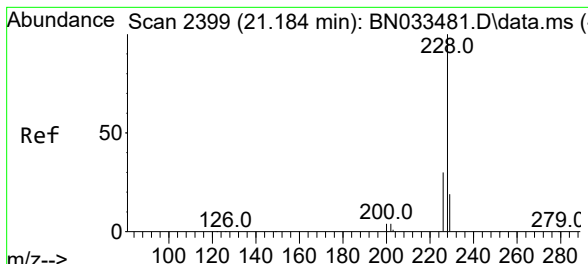
Tgt Ion:244 Resp: 13441  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 7.8 11.6  
 122 17.5 13.3 19.9



#32  
 Benzo(a)anthracene  
 Concen: 0.022 ng  
 RT: 21.130 min Scan# 2393  
 Delta R.T. -0.000 min  
 Lab File: BN033496.D  
 Acq: 20 Aug 2024 08:59

Tgt Ion:228 Resp: 998  
 Ion Ratio Lower Upper  
 228 100  
 226 33.1 21.8 32.6#  
 229 26.3 15.8 23.6#





#33

Chrysene

Concen: 0.040 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA\_N

ClientSampleId :

RW7-SP201-20240814

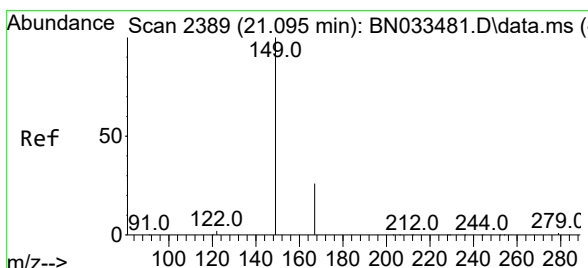
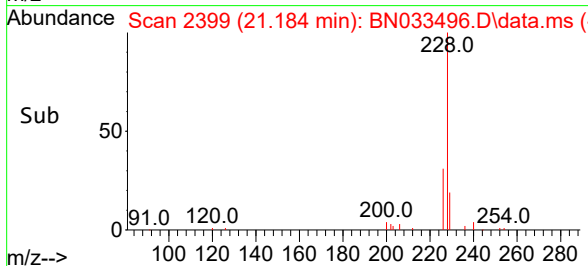
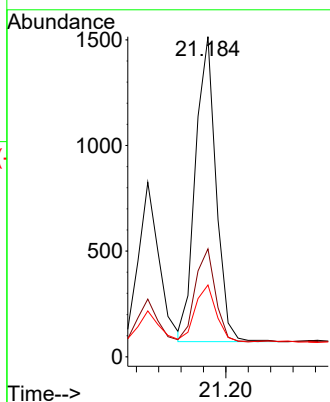
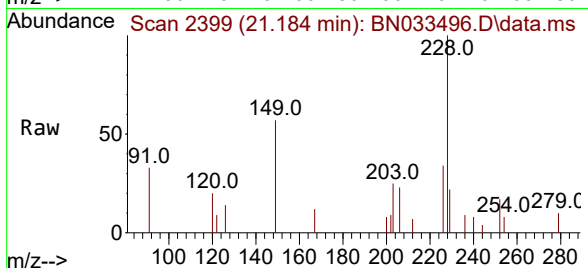
Tgt Ion:228 Resp: 1841

Ion Ratio Lower Upper

228 100

226 33.7 23.8 35.8

229 22.4 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.323 ng

RT: 21.094 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

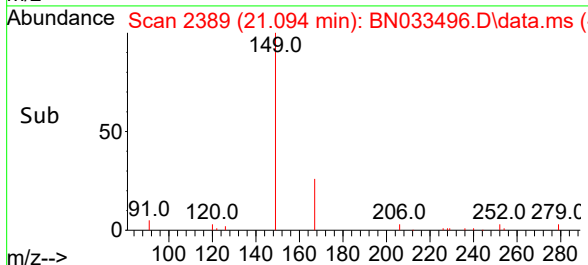
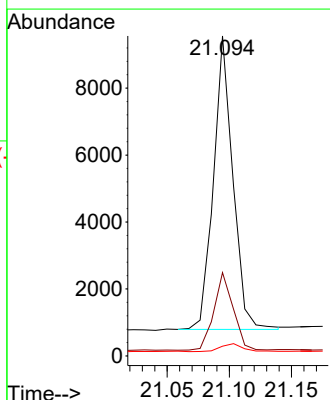
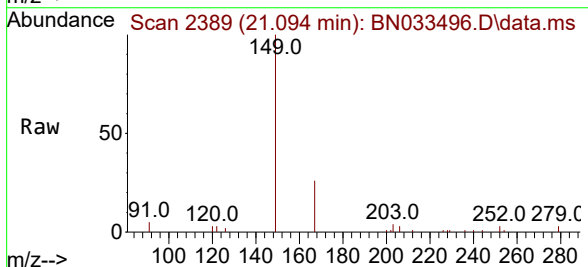
Tgt Ion:149 Resp: 9497

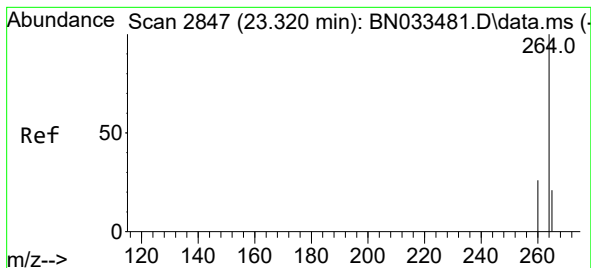
Ion Ratio Lower Upper

149 100

167 26.2 21.5 32.3

279 3.2 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA\_N

ClientSampleId :

RW7-SP201-20240814

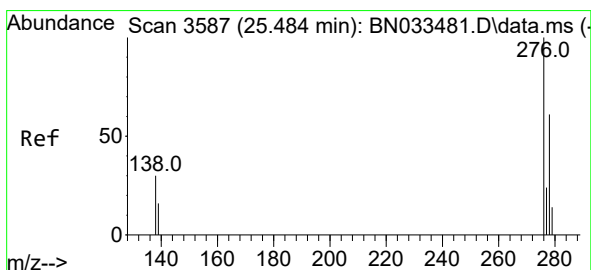
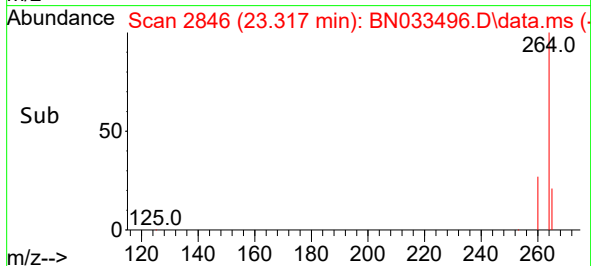
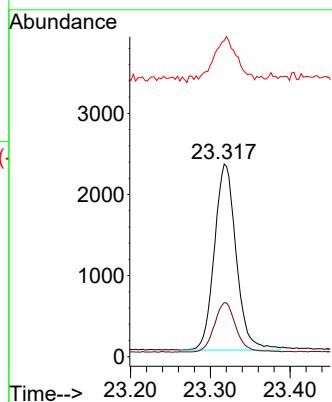
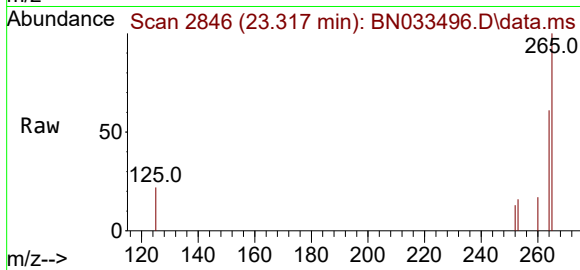
Tgt Ion:264 Resp: 4363

Ion Ratio Lower Upper

264 100

260 28.0 20.8 31.2

265 164.2 52.2 78.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

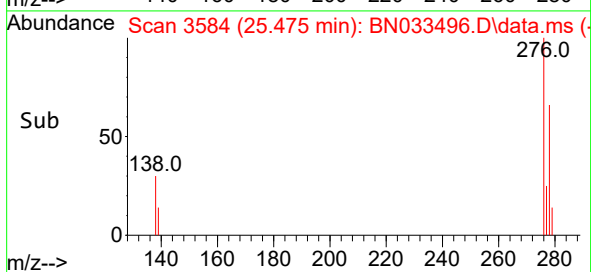
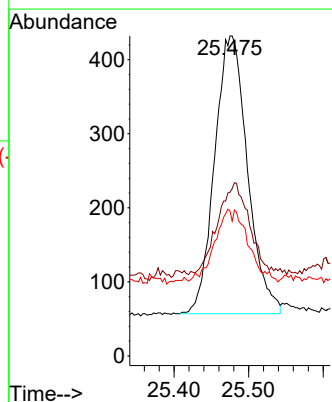
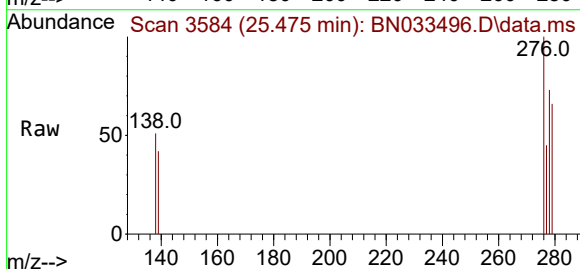
Tgt Ion:276 Resp: 1149

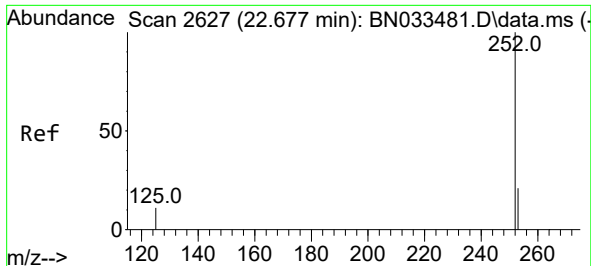
Ion Ratio Lower Upper

276 100

138 34.0 24.4 36.6

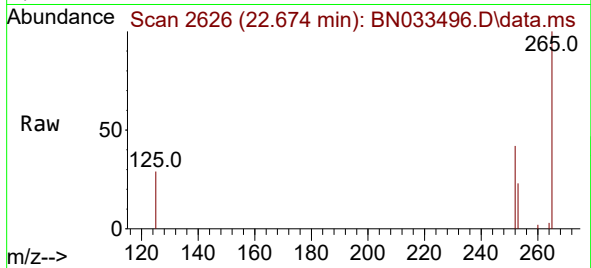
277 13.7 19.8 29.6#



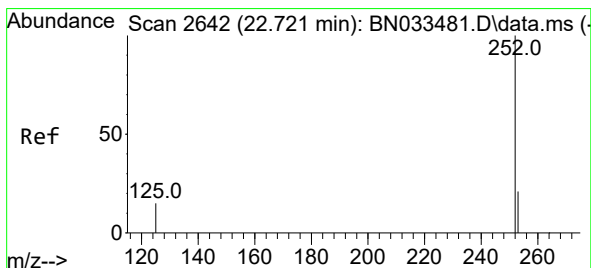
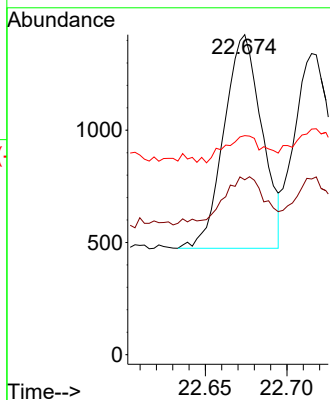


#37  
Benzo(b)fluoranthene  
Concen: 0.095 ng  
RT: 22.674 min Scan# 2626  
Delta R.T. -0.003 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP201-20240814

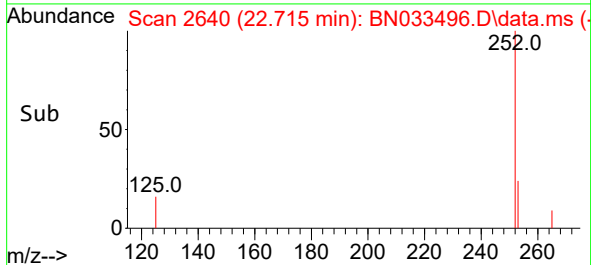
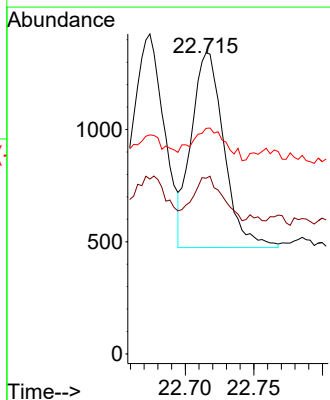
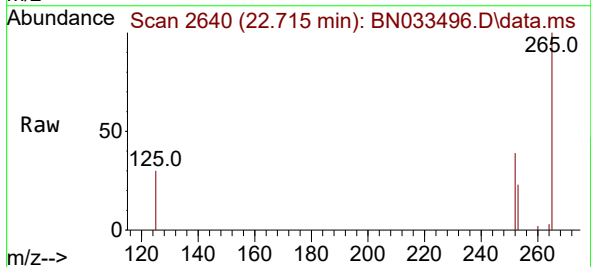


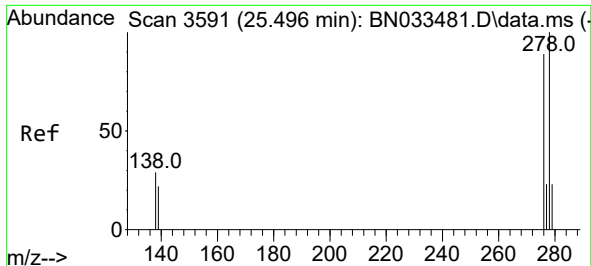
Tgt Ion:252 Resp: 1540  
Ion Ratio Lower Upper  
252 100  
253 54.6 19.8 29.8#  
125 68.4 13.9 20.9#



#38  
Benzo(k)fluoranthene  
Concen: 0.090 ng  
RT: 22.715 min Scan# 2640  
Delta R.T. -0.006 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion:252 Resp: 1441  
Ion Ratio Lower Upper  
252 100  
253 58.3 19.8 29.8#  
125 74.9 15.8 23.8#

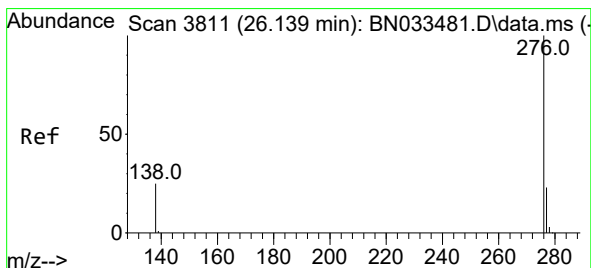
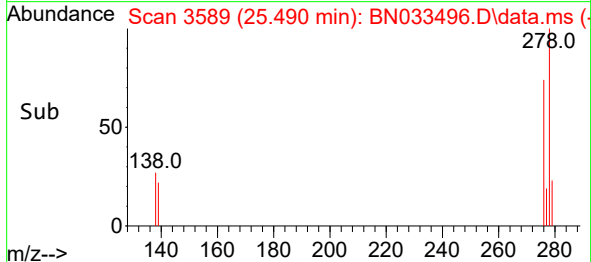
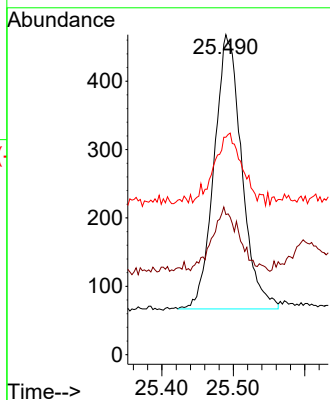
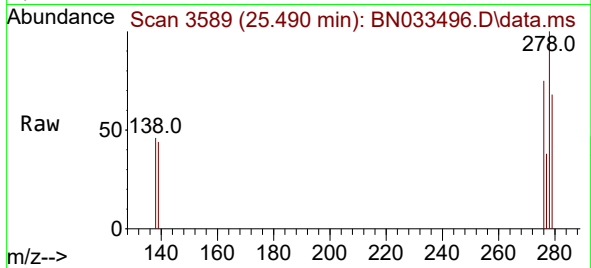




#40  
Dibenzo(a,h)anthracene  
Concen: 0.074 ng  
RT: 25.490 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP201-20240814

Tgt Ion:278 Resp: 1076  
Ion Ratio Lower Upper  
278 100  
139 43.8 19.1 28.7#  
279 67.9 21.0 31.4#



#41  
Benzo(g,h,i)perylene  
Concen: 0.075 ng  
RT: 26.127 min Scan# 3807  
Delta R.T. -0.012 min  
Lab File: BN033496.D  
Acq: 20 Aug 2024 08:59

Tgt Ion:276 Resp: 1162  
Ion Ratio Lower Upper  
276 100  
277 42.5 19.7 29.5#  
138 45.2 21.8 32.6#

