

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120924\  
 Data File : BN035518.D  
 Acq On : 09 Dec 2024 21:55  
 Operator : RC/JU  
 Sample : P5166-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP201-20241206

Quant Time: Dec 10 01:28:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 23:03:24 2024  
 Response via : Initial Calibration

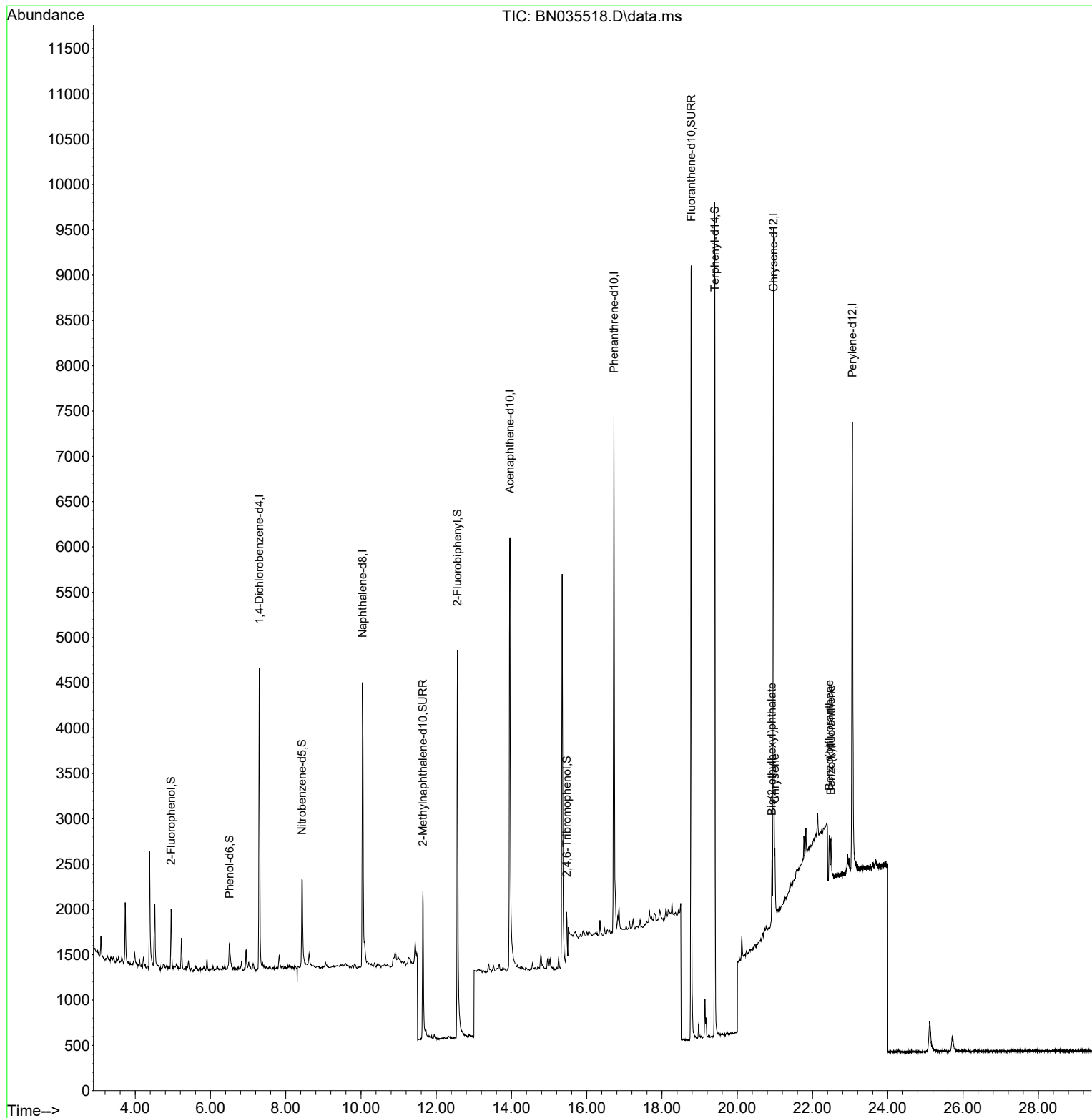
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.301  | 152  | 1759     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.041 | 136  | 4808     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.957 | 164  | 3560     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.723 | 188  | 8364     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 20.965 | 240  | 7094     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.059 | 264  | 6747     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.953  | 112  | 550      | 0.125 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.506  | 99   | 364      | 0.069 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.429  | 82   | 1306     | 0.445 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.646 | 152  | 2817     | 0.374 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.475 | 330  | 645      | 0.255 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.564 | 172  | 4894     | 0.364 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.775 | 212  | 10435    | 0.440 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.403 | 244  | 9233     | 0.660 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 33) Chrysene                  | 21.001 | 228  | 547      | 0.021 | ng    | # 84     |
| 34) Bis(2-ethylhexyl)phtha... | 20.920 | 149  | 676      | 0.069 | ng    | # 96     |
| 37) Benzo(b)fluoranthene      | 22.448 | 252  | 603      | 0.024 | ng    | # 10     |
| 38) Benzo(k)fluoranthene      | 22.489 | 252  | 532      | 0.022 | ng    | # 6      |
| -----                         |        |      |          |       |       |          |

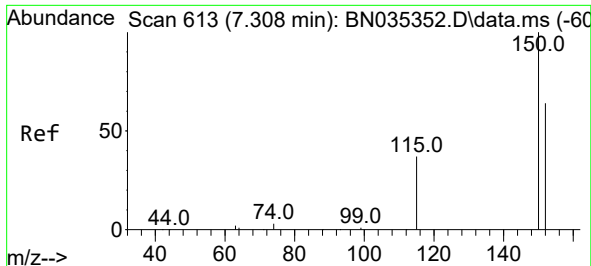
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP201-20241206

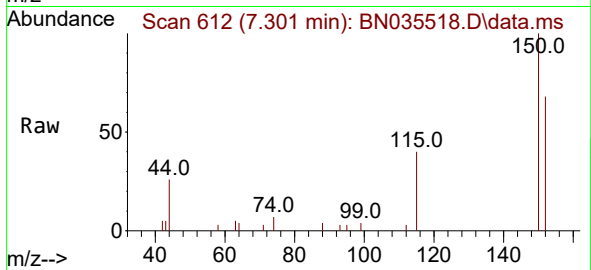
Quant Time: Dec 10 01:28:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 27 23:03:24 2024  
Response via : Initial Calibration



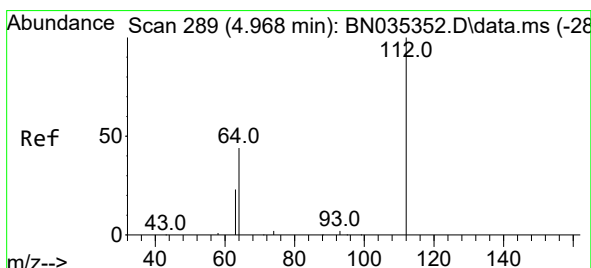
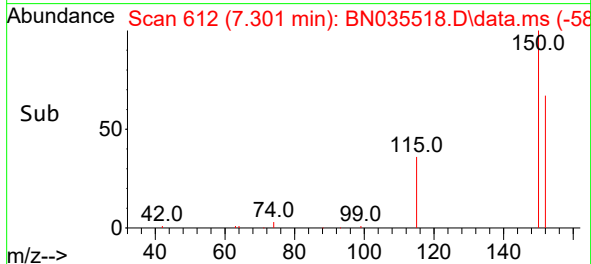
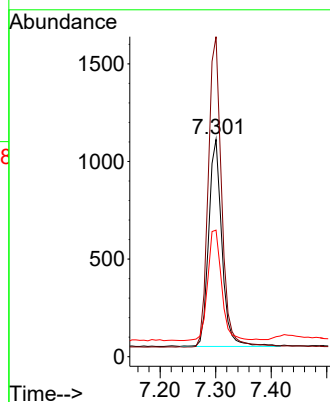


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.301 min Scan# 613  
Delta R.T. -0.007 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20241206

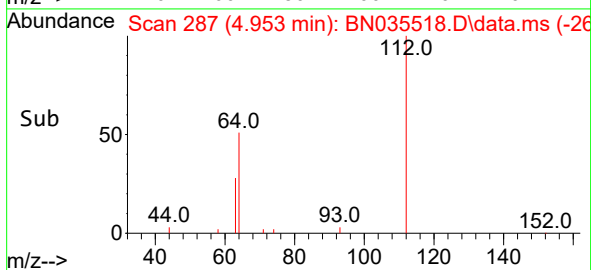
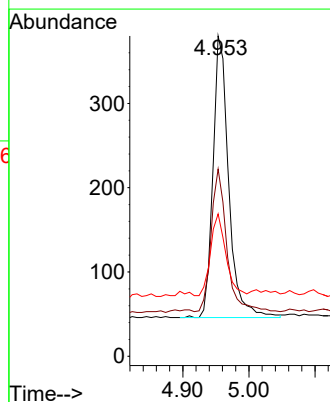
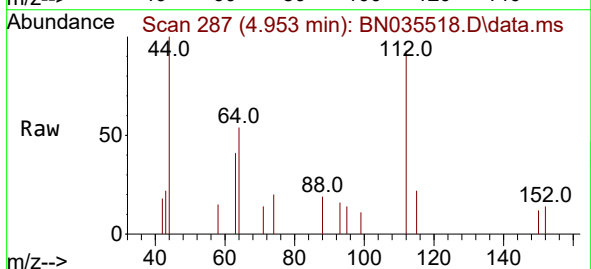


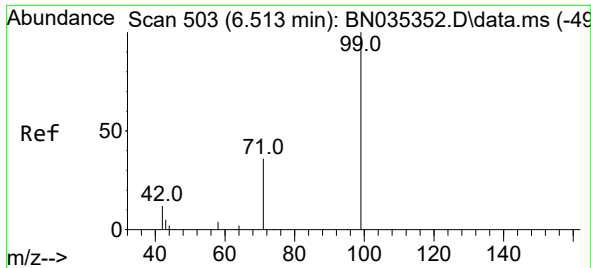
Tgt Ion:152 Resp: 1759  
Ion Ratio Lower Upper  
152 100  
150 147.3 124.0 186.0  
115 58.2 49.6 74.4



#4  
2-Fluorophenol  
Concen: 0.125 ng  
RT: 4.953 min Scan# 287  
Delta R.T. -0.014 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Tgt Ion:112 Resp: 550  
Ion Ratio Lower Upper  
112 100  
64 50.7 39.8 59.8  
63 29.3 21.0 31.6

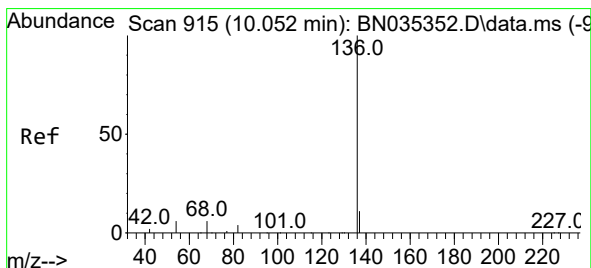
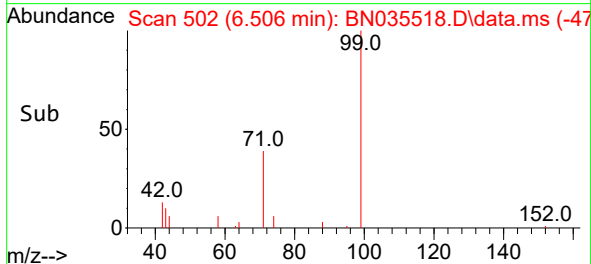
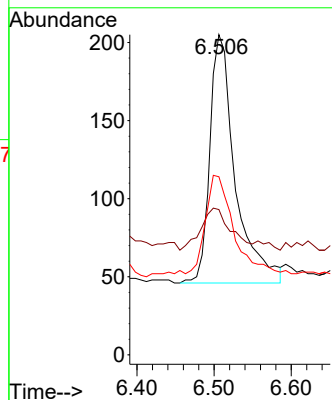
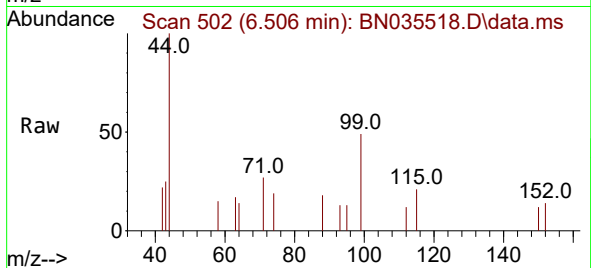




#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 6.506 min Scan# 501  
Delta R.T. -0.007 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

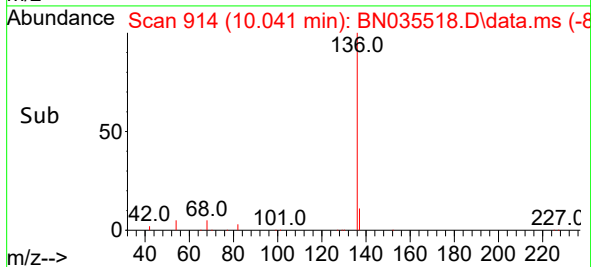
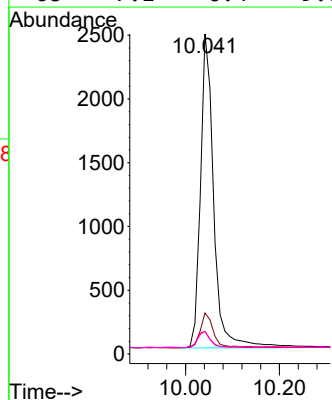
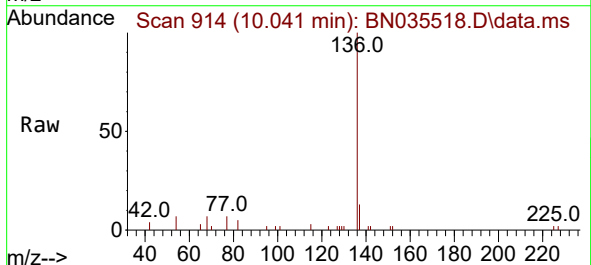
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20241206

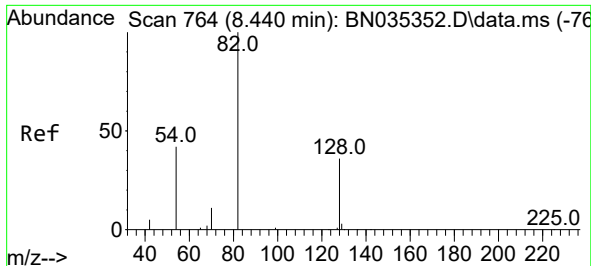
Tgt Ion: 99 Resp: 364  
Ion Ratio Lower Upper  
99 100  
42 19.8 11.4 17.2#  
71 49.7 29.3 43.9#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.041 min Scan# 914  
Delta R.T. -0.011 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Tgt Ion: 136 Resp: 4808  
Ion Ratio Lower Upper  
136 100  
137 12.8 10.2 15.2  
54 7.0 6.1 9.1  
68 7.1 6.4 9.6

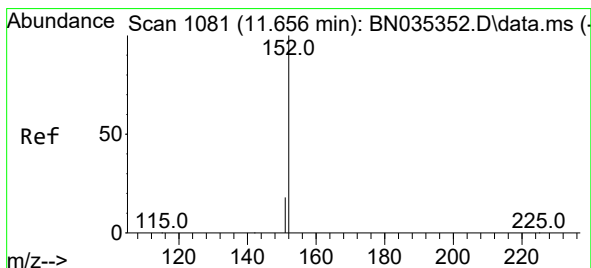
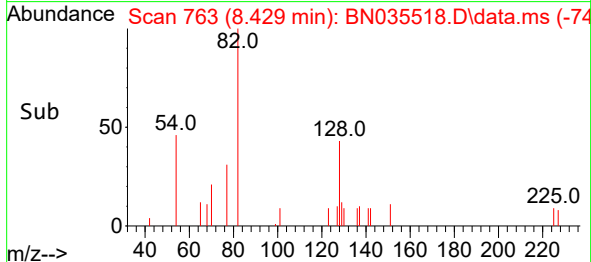
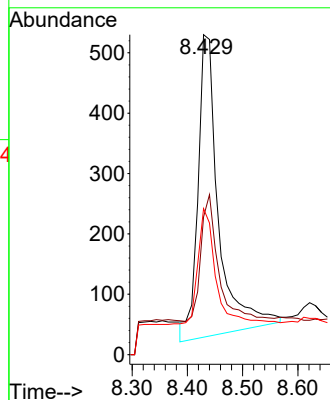
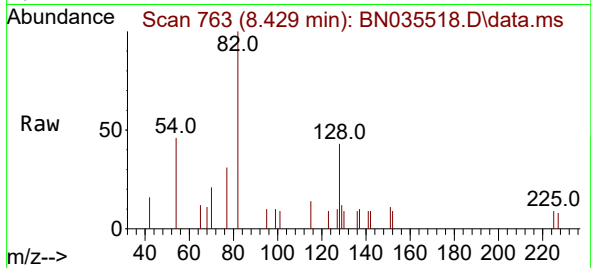




#8  
Nitrobenzene-d5  
Concen: 0.445 ng  
RT: 8.429 min Scan# 70  
Delta R.T. -0.011 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

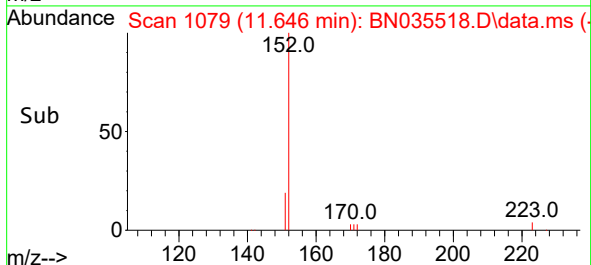
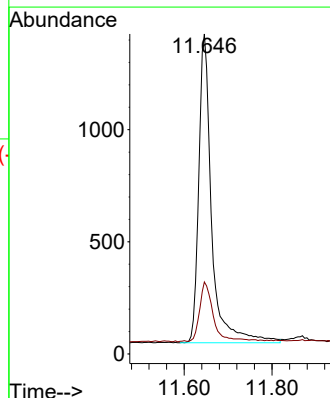
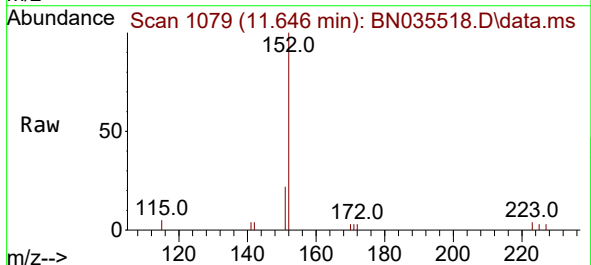
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20241206

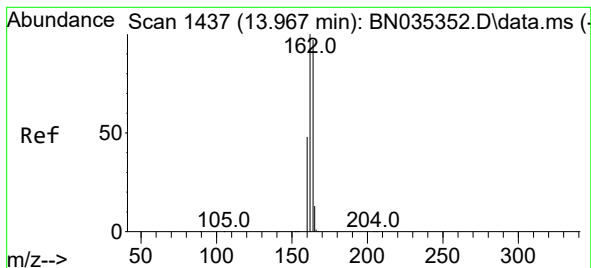
Tgt Ion: 82 Resp: 1306  
Ion Ratio Lower Upper  
82 100  
128 43.0 33.4 50.0  
54 45.7 36.7 55.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.374 ng  
RT: 11.646 min Scan# 1079  
Delta R.T. -0.010 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Tgt Ion: 152 Resp: 2817  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN035518.D

Acq: 09 Dec 2024 21:55

Instrument :

BNA\_N

ClientSampleId :

RW5-SP201-20241206

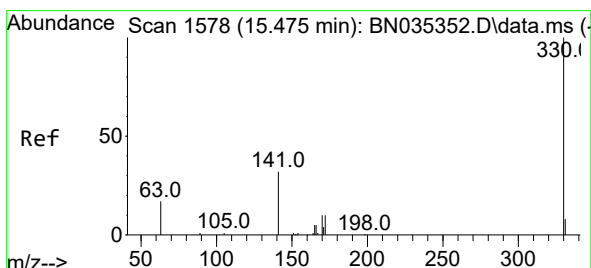
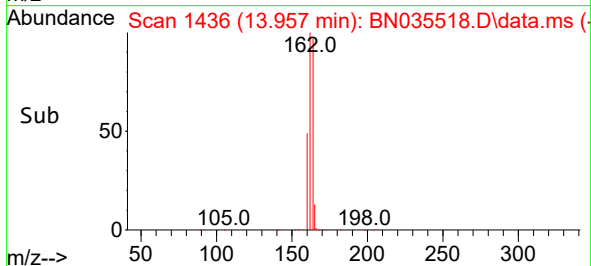
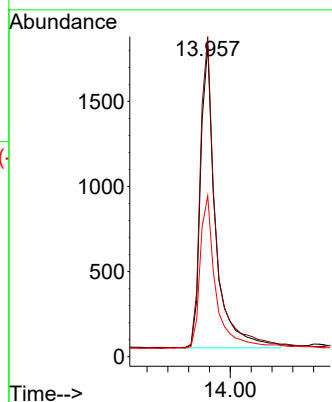
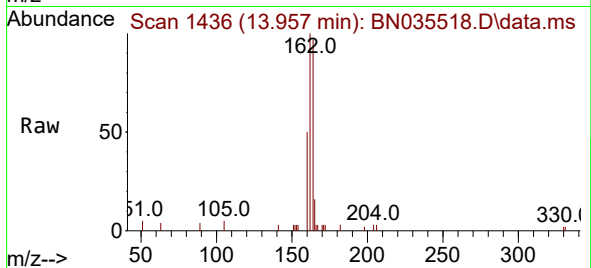
Tgt Ion:164 Resp: 3560

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 51.7 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.255 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BN035518.D

Acq: 09 Dec 2024 21:55

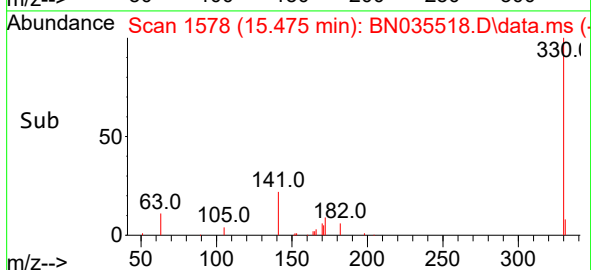
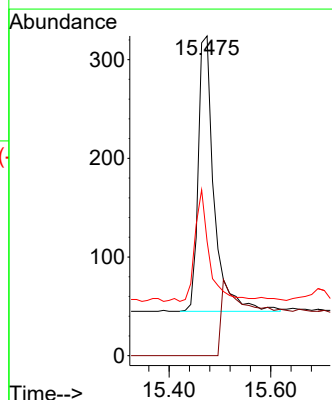
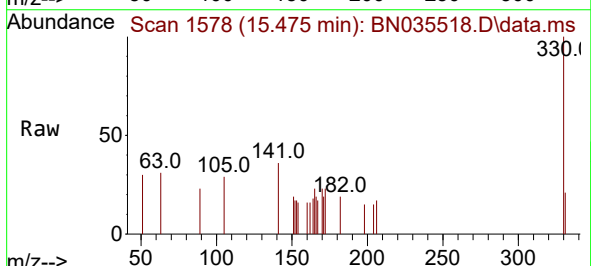
Tgt Ion:330 Resp: 645

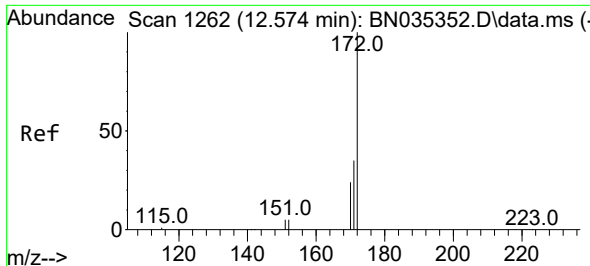
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.0 26.6 40.0

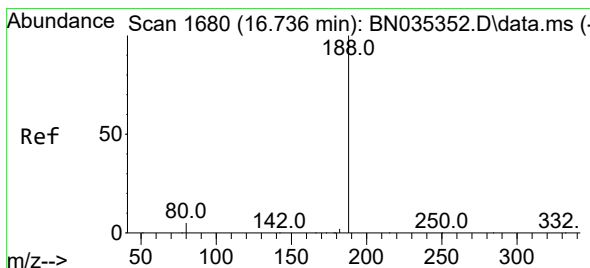
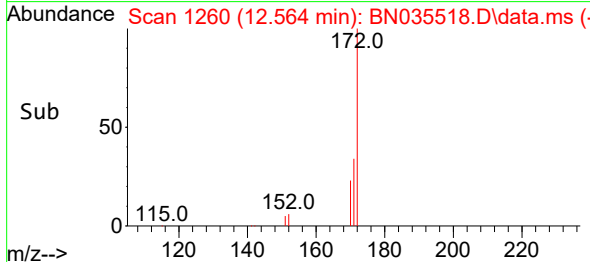
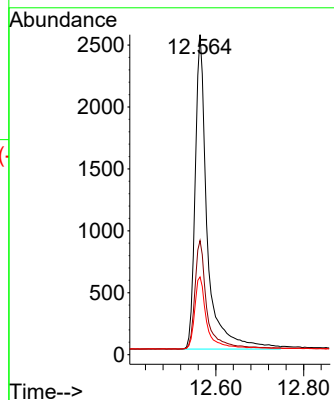
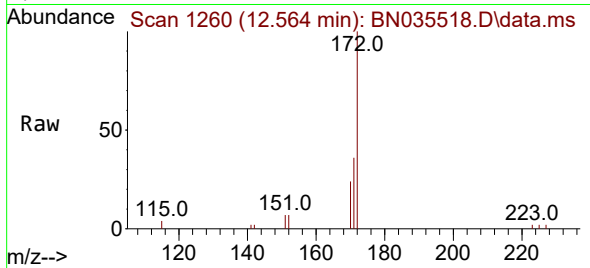




#15  
2-Fluorobiphenyl  
Concen: 0.364 ng  
RT: 12.564 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

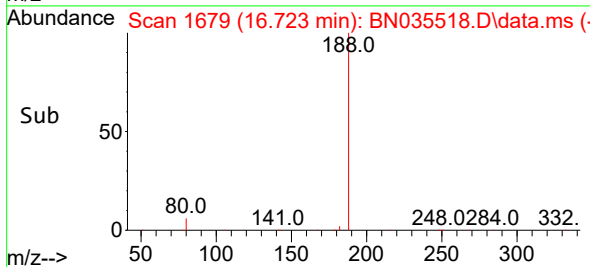
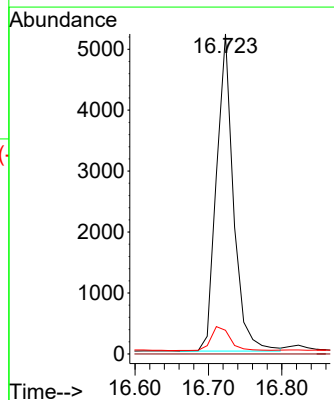
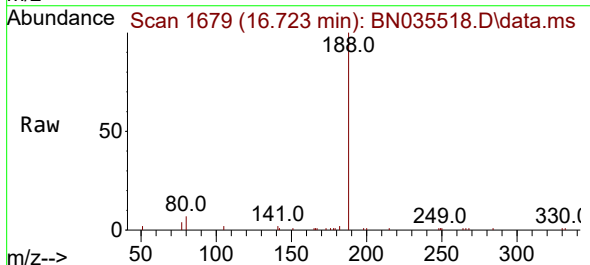
Instrument :  
BNA\_N  
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RW5-SP201-20241206

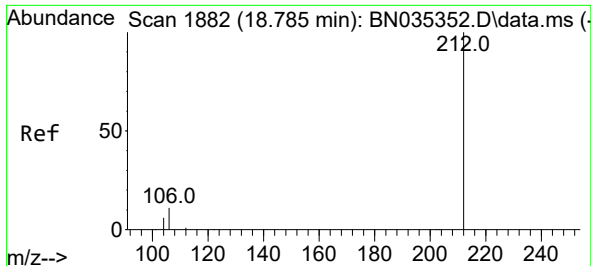
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 4894      |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.6  | 29.0 43.4 |
| 170         | 24.3  | 19.8 29.8 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.723 min Scan# 1679  
Delta R.T. -0.012 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:188 | Resp: | 8364    |
| Ion Ratio   | Lower | Upper   |
| 188         | 100   |         |
| 94          | 0.0   | 0.0 0.0 |
| 80          | 7.4   | 4.6 6.8 |

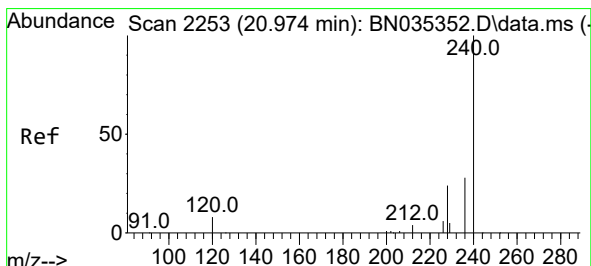
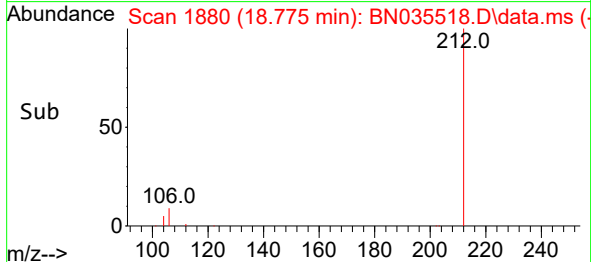
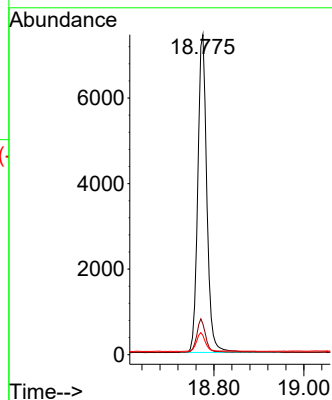
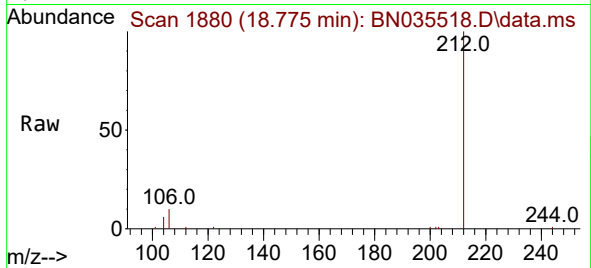




#27  
Fluoranthene-d10  
Concen: 0.440 ng  
RT: 18.775 min Scan# 1880  
Delta R.T. -0.009 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

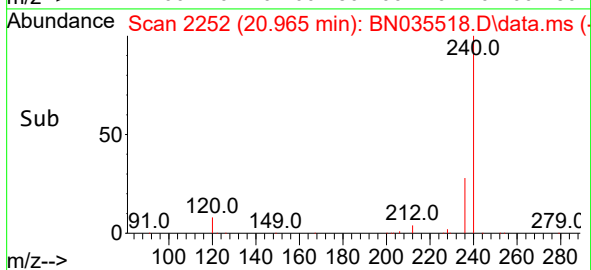
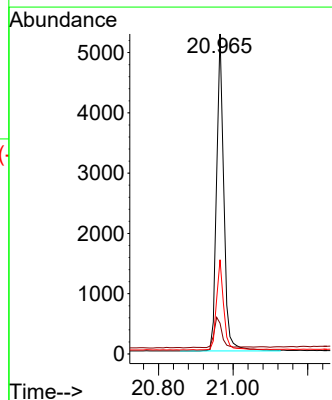
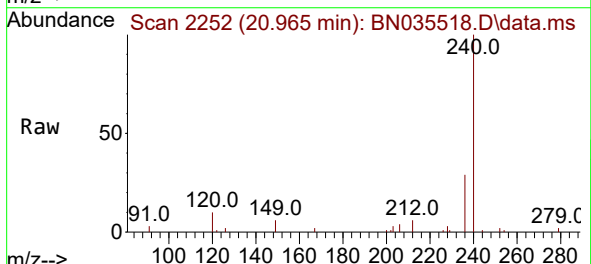
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20241206

Tgt Ion:212 Resp: 10435  
Ion Ratio Lower Upper  
212 100  
106 10.1 9.2 13.8  
104 5.8 5.3 7.9

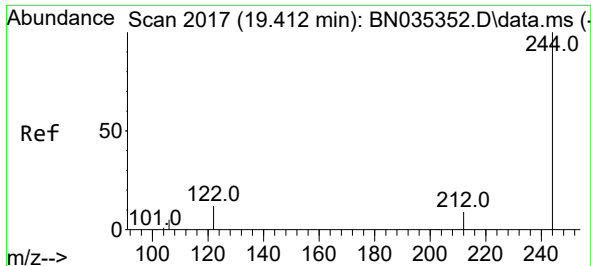


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.965 min Scan# 2252  
Delta R.T. -0.009 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Tgt Ion:240 Resp: 7094  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.9 11.9  
236 29.5 22.9 34.3

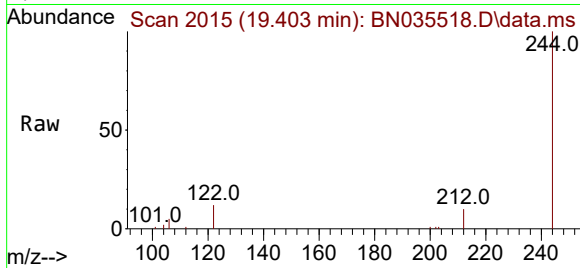




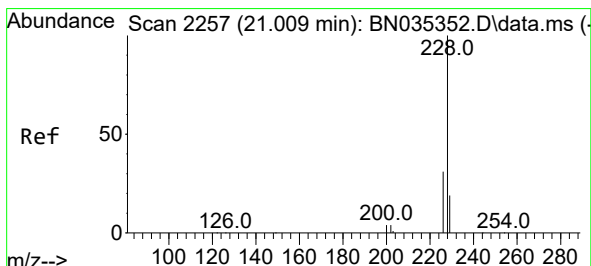
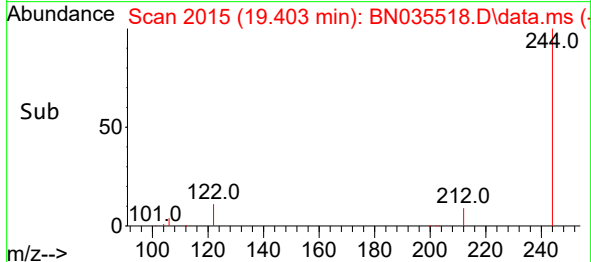
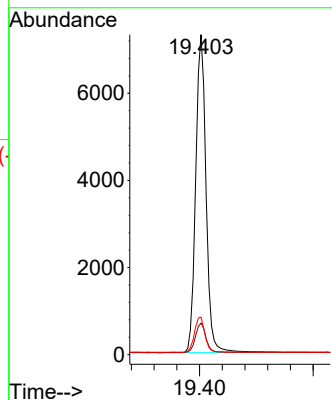


#31  
Terphenyl-d14  
Concen: 0.660 ng  
RT: 19.403 min Scan# 2015  
Delta R.T. -0.009 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20241206

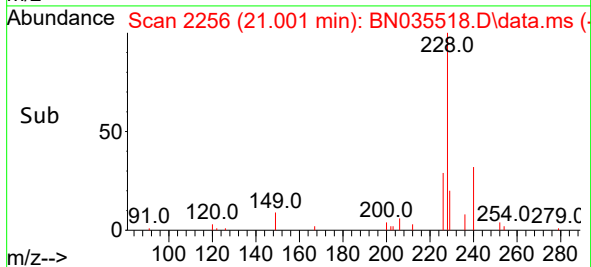
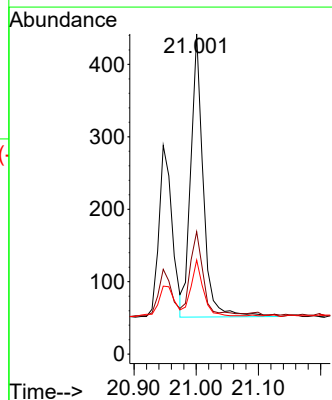
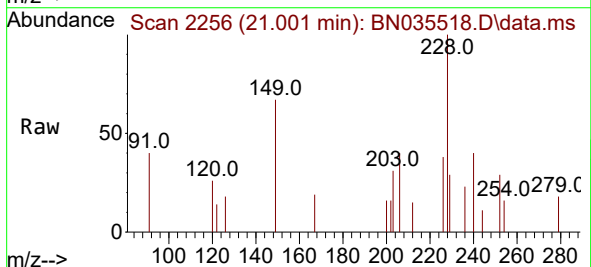


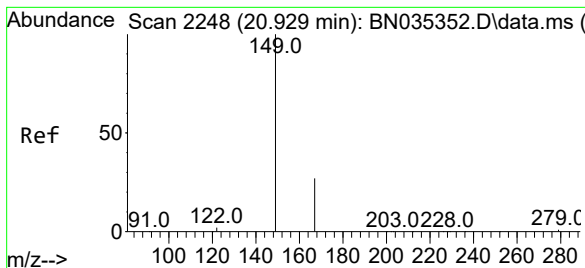
Tgt Ion:244 Resp: 9233  
Ion Ratio Lower Upper  
244 100  
212 9.8 8.1 12.1  
122 11.8 10.3 15.5



#33  
Chrysene  
Concen: 0.021 ng  
RT: 21.001 min Scan# 2256  
Delta R.T. -0.009 min  
Lab File: BN035518.D  
Acq: 09 Dec 2024 21:55

Tgt Ion:228 Resp: 547  
Ion Ratio Lower Upper  
228 100  
226 38.2 24.6 37.0#  
229 29.4 15.9 23.9#

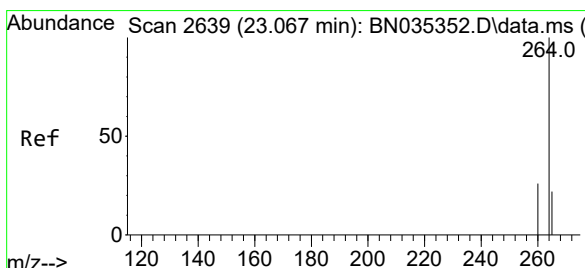
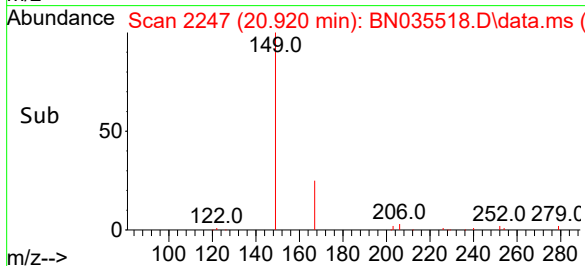
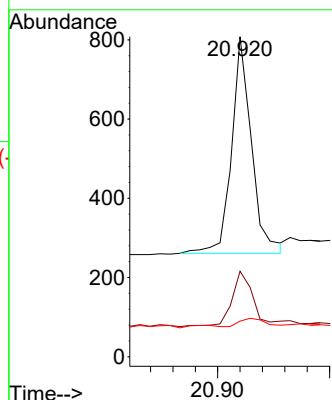
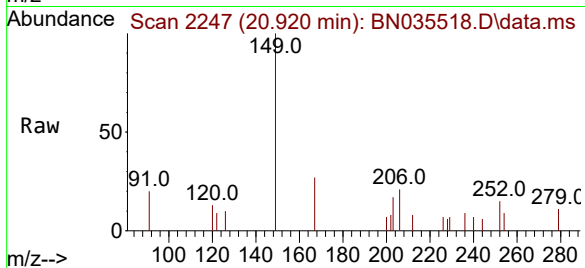




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.069 ng  
 RT: 20.920 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN035518.D  
 Acq: 09 Dec 2024 21:55

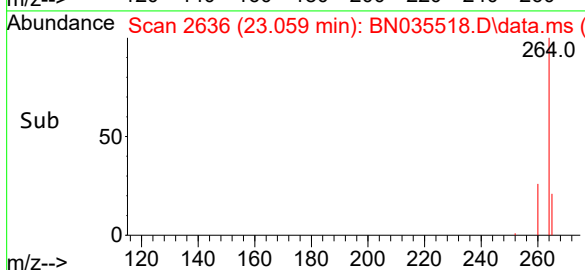
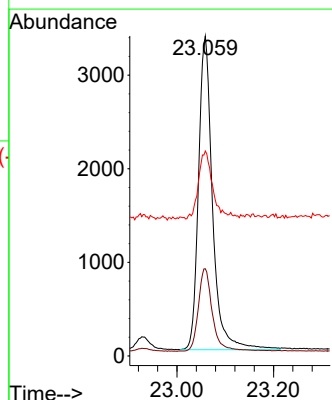
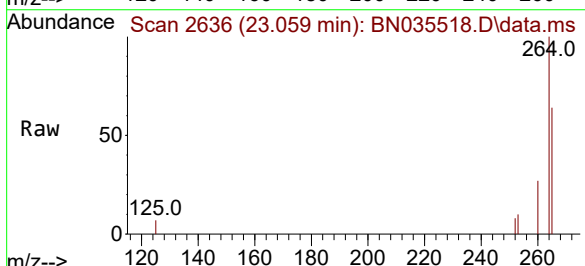
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP201-20241206

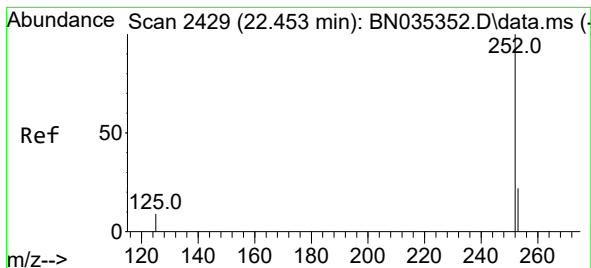
Tgt Ion:149 Resp: 676  
 Ion Ratio Lower Upper  
 149 100  
 167 29.9 22.2 33.4  
 279 4.9 2.7 4.1#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.059 min Scan# 2636  
 Delta R.T. -0.009 min  
 Lab File: BN035518.D  
 Acq: 09 Dec 2024 21:55

Tgt Ion:264 Resp: 6747  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 21.4 32.2  
 265 64.0 40.2 60.4#





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.448 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BN035518.D

Acq: 09 Dec 2024 21:55

Instrument :

BNA\_N

ClientSampleId :

RW5-SP201-20241206

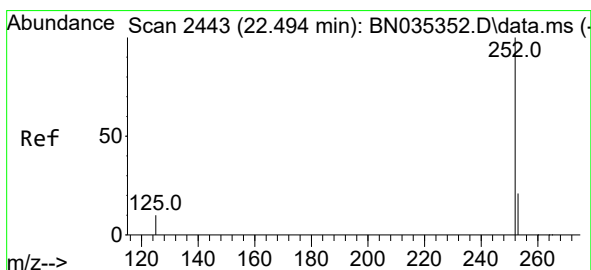
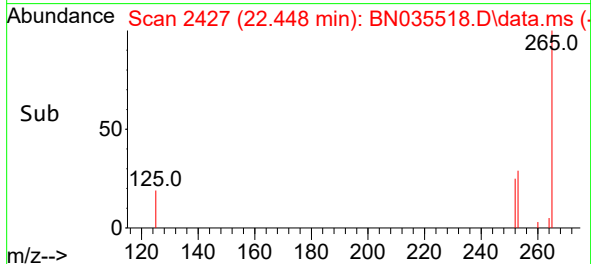
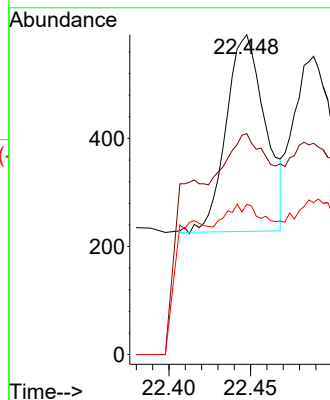
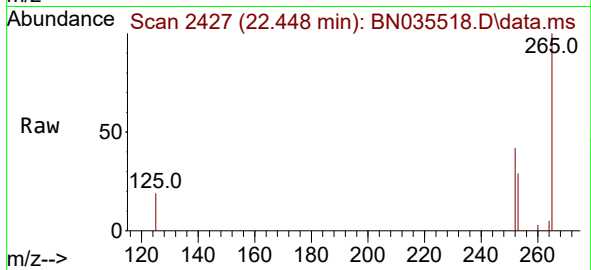
Tgt Ion:252 Resp: 603

Ion Ratio Lower Upper

252 100

253 69.1 19.6 29.4#

125 47.0 9.6 14.4#



#38

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 22.489 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BN035518.D

Acq: 09 Dec 2024 21:55

Tgt Ion:252 Resp: 532

Ion Ratio Lower Upper

252 100

253 70.8 19.5 29.3#

125 50.9 10.2 15.4#

