

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
 Data File : BN035826.D  
 Acq On : 24 Dec 2024 17:53  
 Operator : RC/JU  
 Sample : P5376-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE117D2-20241218

Quant Time: Dec 24 23:20:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

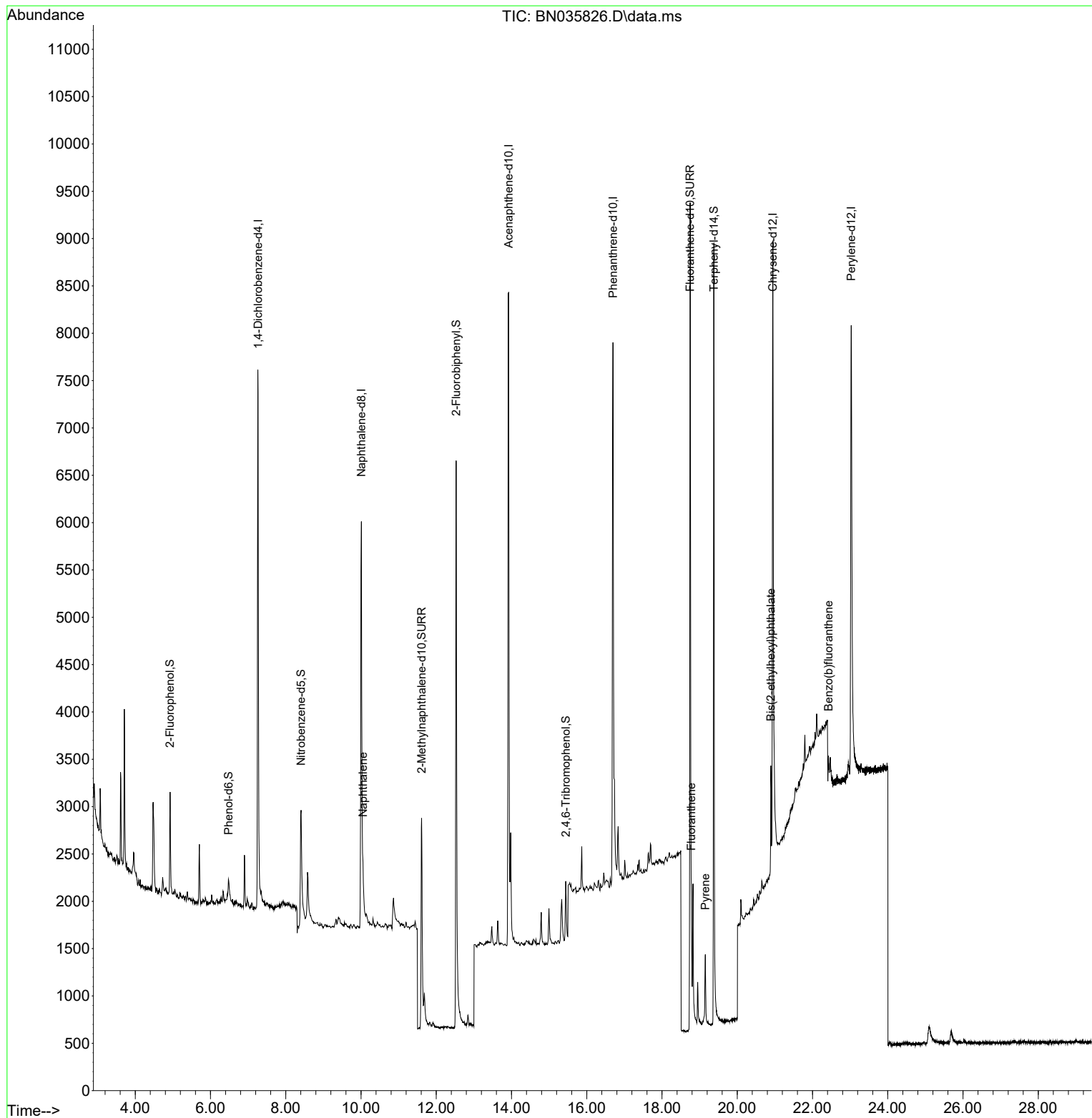
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.264  | 152  | 3378     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.009 | 136  | 7925     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 13.924 | 164  | 4973     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 10383    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.947 | 240  | 8532     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.029 | 264  | 8295     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.924  | 112  | 971      | 0.115 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.477  | 99   | 466      | 0.046 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 2915     | 0.602 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.610 | 152  | 4563     | 0.368 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.442 | 330  | 723      | 0.205 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.528 | 172  | 7227     | 0.384 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 18.747 | 212  | 12295    | 0.418 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.379 | 244  | 9489     | 0.564 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.052 | 128  | 457      | 0.022 | ng    | # 56     |
| 28) Fluoranthene              | 18.780 | 202  | 782      | 0.020 | ng    | # 95     |
| 30) Pyrene                    | 19.151 | 202  | 811      | 0.026 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 20.893 | 149  | 1313     | 0.111 | ng    | 93       |
| 37) Benzo(b)fluoranthene      | 22.424 | 252  | 720      | 0.024 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

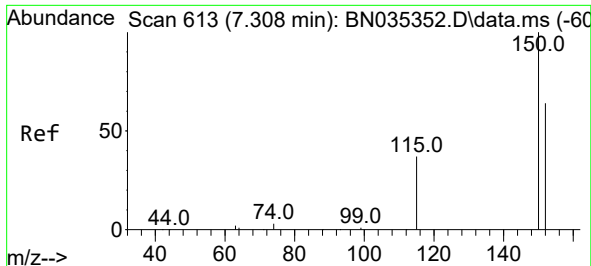
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
Data File : BN035826.D  
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Instrument :  
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RE117D2-20241218

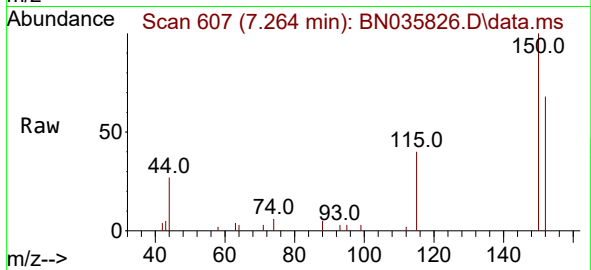
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
Response via : Initial Calibration



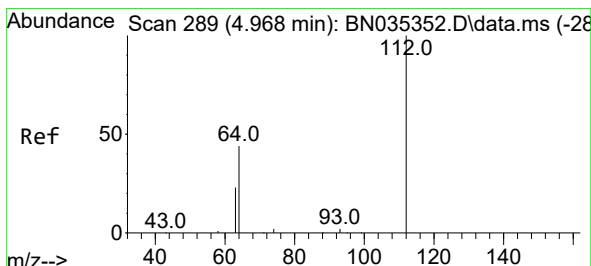
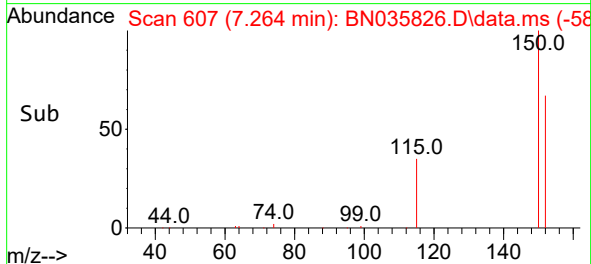
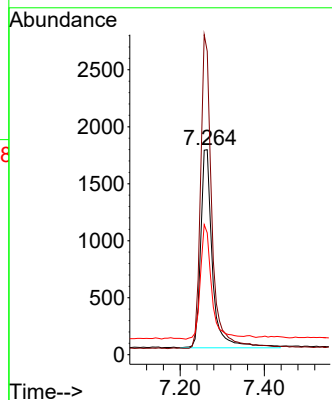


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.264 min Scan# 613  
Delta R.T. -0.008 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

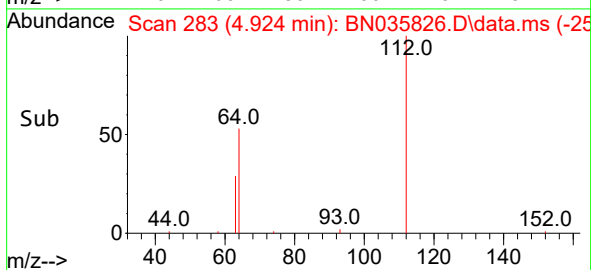
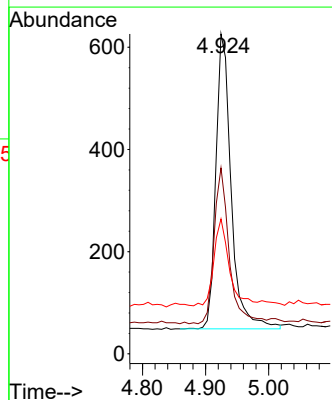
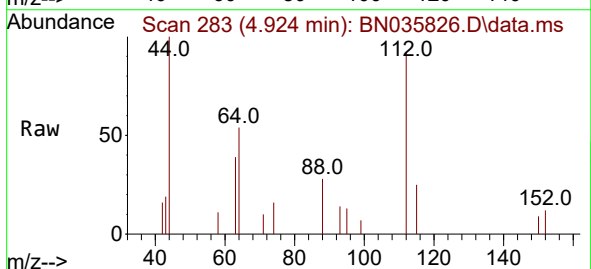


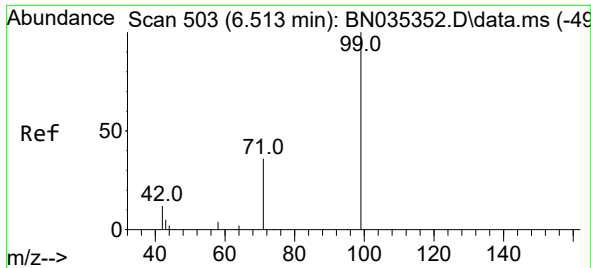
Tgt Ion:152 Resp: 3378  
Ion Ratio Lower Upper  
152 100  
150 148.1 124.0 186.0  
115 59.4 49.6 74.4



#4  
2-Fluorophenol  
Concen: 0.115 ng  
RT: 4.924 min Scan# 283  
Delta R.T. -0.015 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion:112 Resp: 971  
Ion Ratio Lower Upper  
112 100  
64 52.3 39.8 59.8  
63 29.4 21.0 31.6

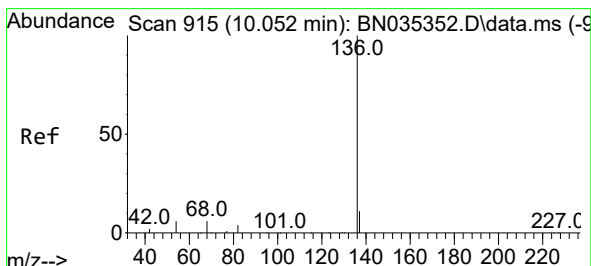
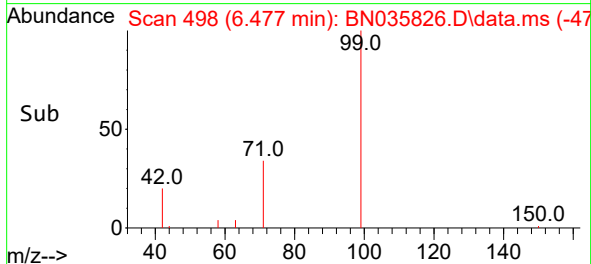
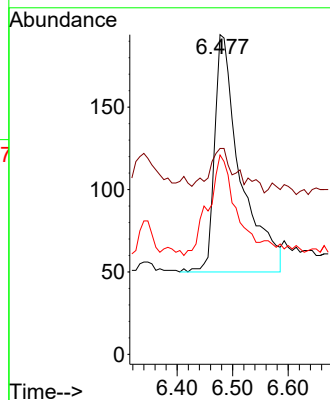
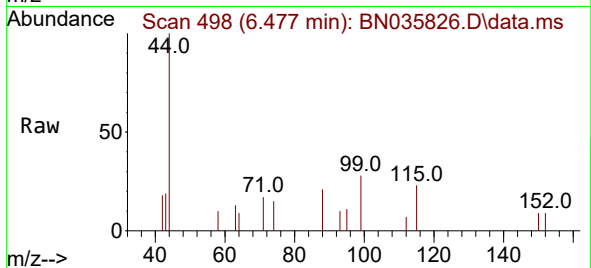




#5  
Phenol-d6  
Concen: 0.046 ng  
RT: 6.477 min Scan# 498  
Delta R.T. -0.015 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

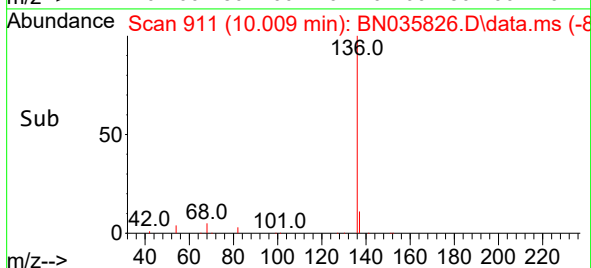
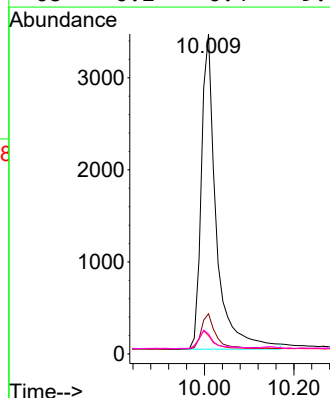
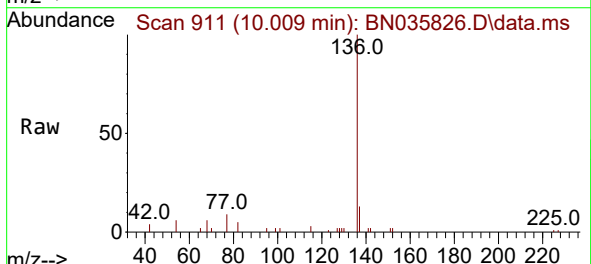
Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

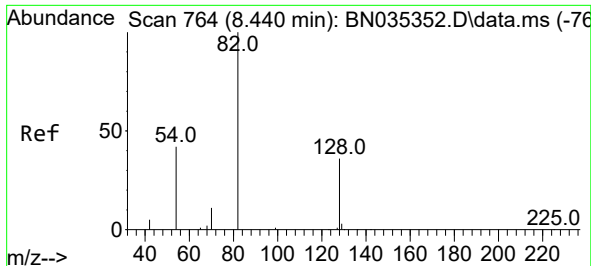
Tgt Ion: 99 Resp: 466  
Ion Ratio Lower Upper  
99 100  
42 20.2 11.4 17.2#  
71 44.6 29.3 43.9#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.009 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion: 136 Resp: 7925  
Ion Ratio Lower Upper  
136 100  
137 12.5 10.2 15.2  
54 5.8 6.1 9.1#  
68 6.2 6.4 9.6#

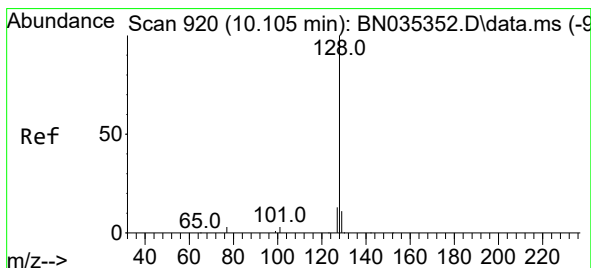
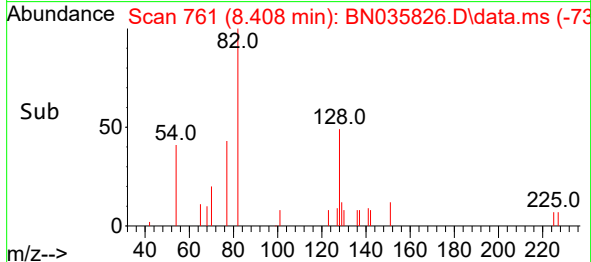
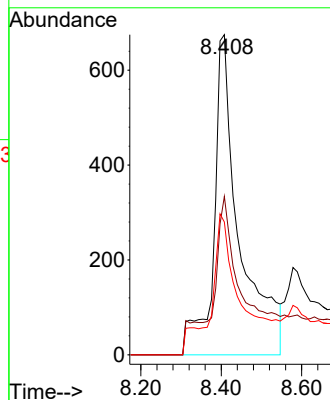
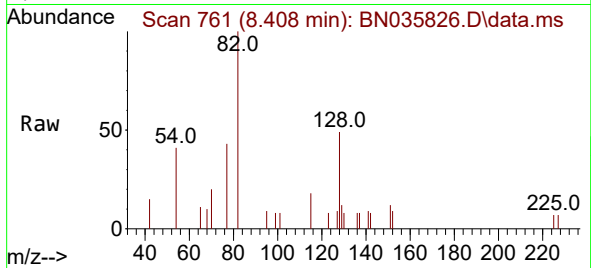




#8  
Nitrobenzene-d5  
Concen: 0.602 ng  
RT: 8.408 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

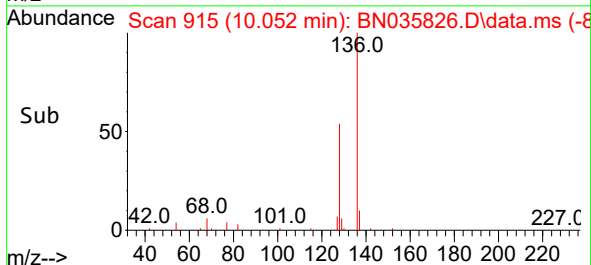
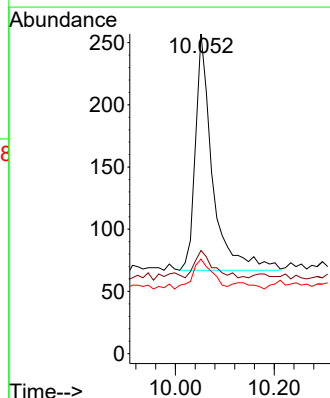
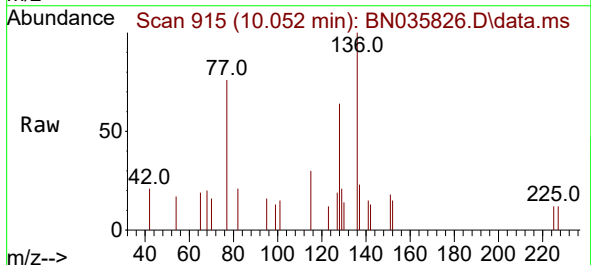
Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

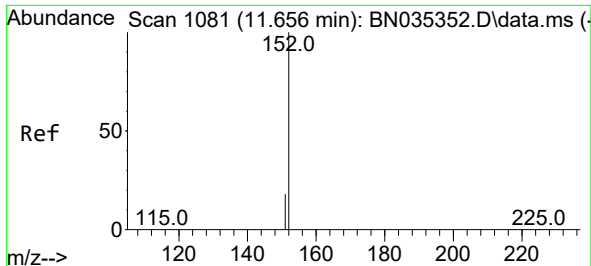
Tgt Ion: 82 Resp: 2915  
Ion Ratio Lower Upper  
82 100  
128 49.5 33.4 50.0  
54 41.5 36.7 55.1



#9  
Naphthalene  
Concen: 0.022 ng  
RT: 10.052 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion: 128 Resp: 457  
Ion Ratio Lower Upper  
128 100  
129 32.3 9.8 14.6#  
127 29.6 11.4 17.2#

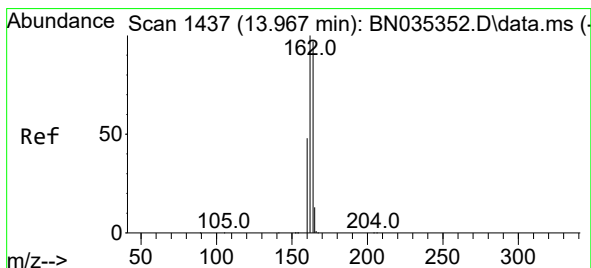
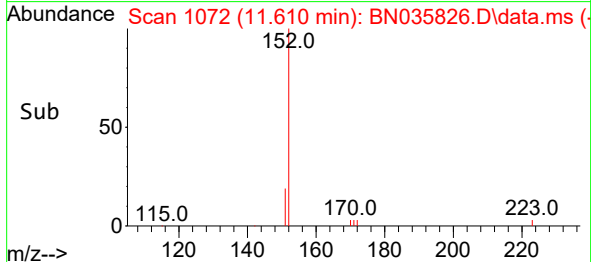
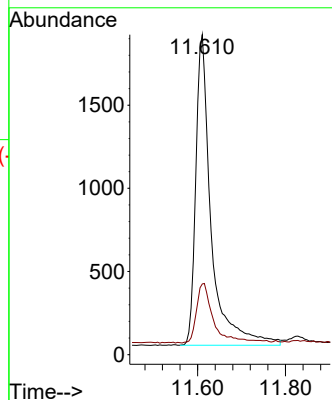
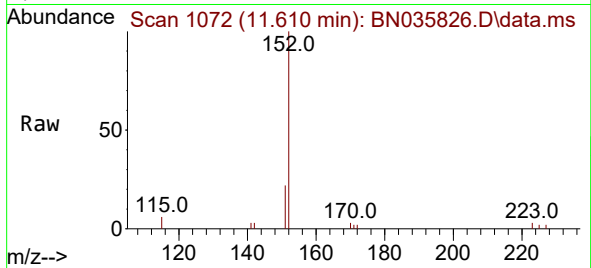




#11  
2-Methylnaphthalene-d10  
Concen: 0.368 ng  
RT: 11.610 min Scan# 1081  
Delta R.T. -0.010 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

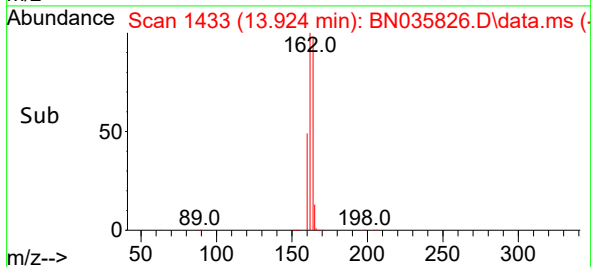
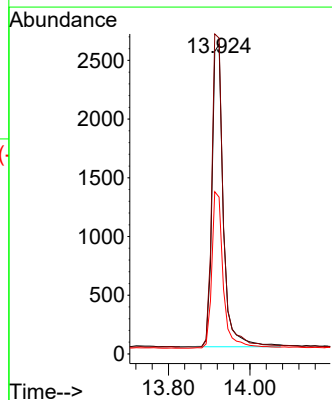
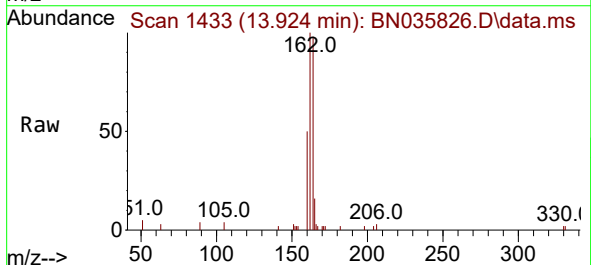
Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

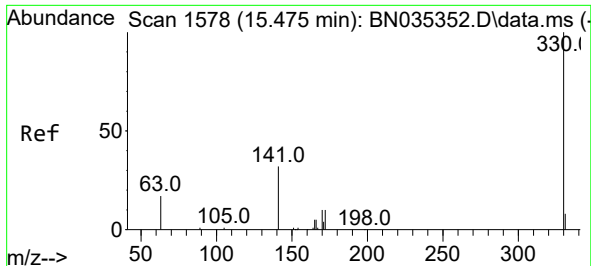
Tgt Ion:152 Resp: 4563  
Ion Ratio Lower Upper  
152 100  
151 21.5 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.924 min Scan# 1433  
Delta R.T. -0.011 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion:164 Resp: 4973  
Ion Ratio Lower Upper  
164 100  
162 102.0 82.2 123.2  
160 50.6 40.1 60.1

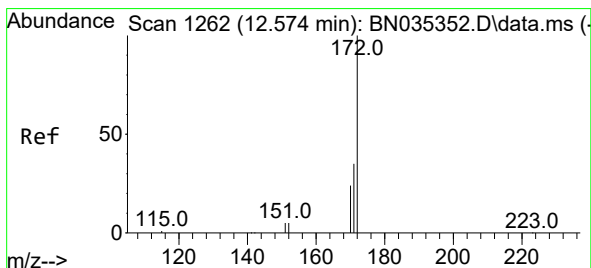
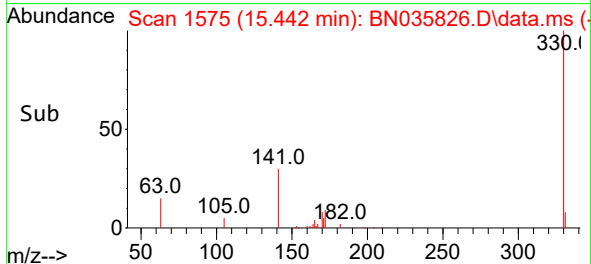
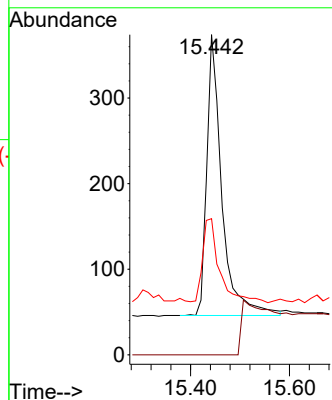
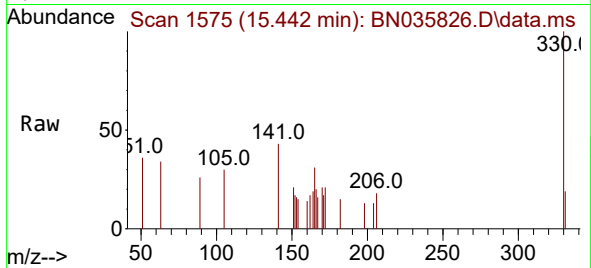




#14  
2,4,6-Tribromophenol  
Concen: 0.205 ng  
RT: 15.442 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

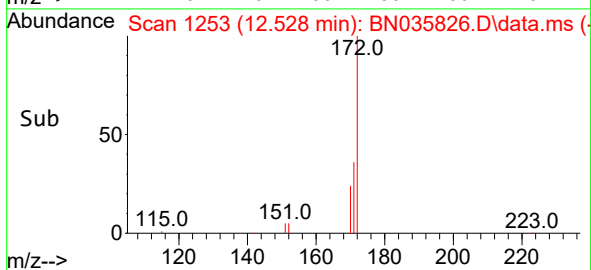
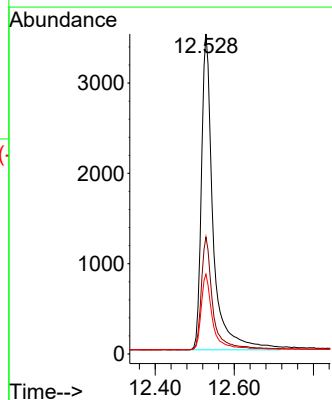
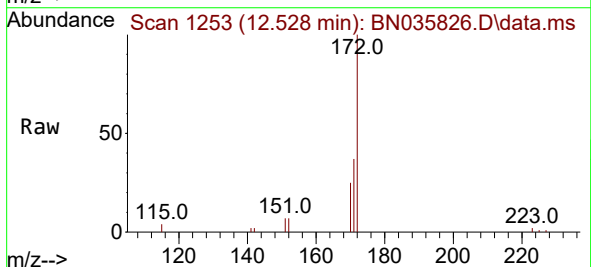
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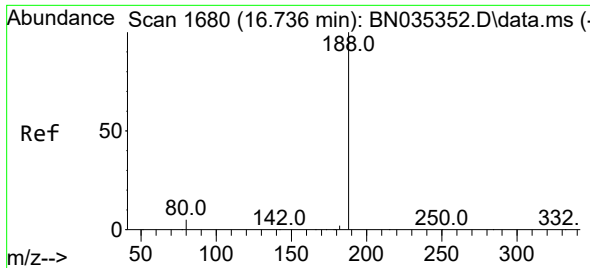
Tgt Ion:330 Resp: 723  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 33.2 26.6 40.0



#15  
2-Fluorobiphenyl  
Concen: 0.384 ng  
RT: 12.528 min Scan# 1253  
Delta R.T. -0.015 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion:172 Resp: 7227  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.0 43.4  
170 24.9 19.8 29.8

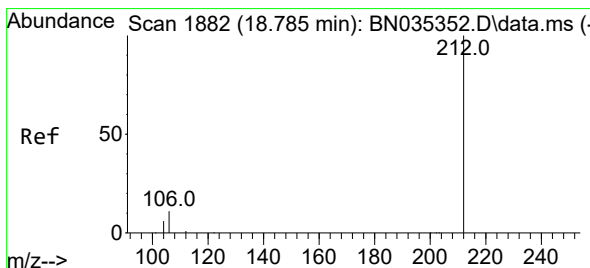
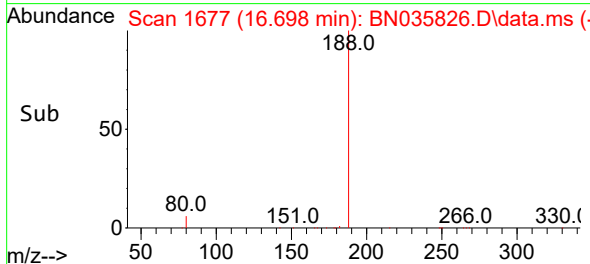
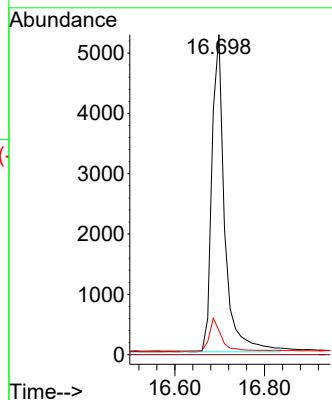
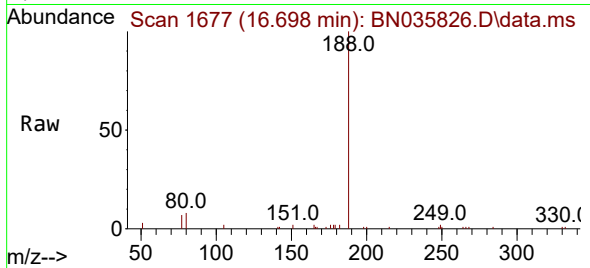




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.698 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

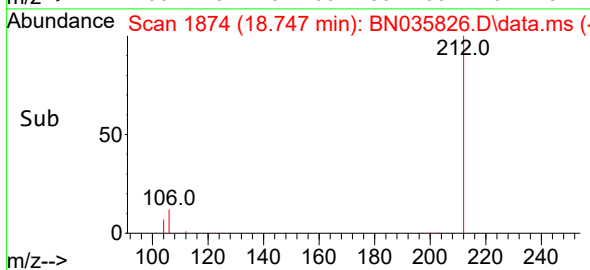
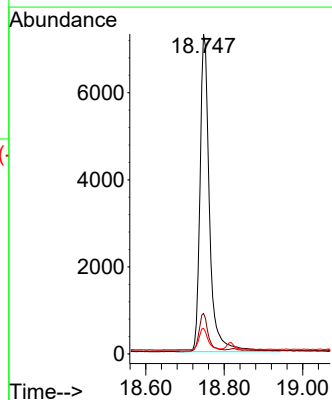
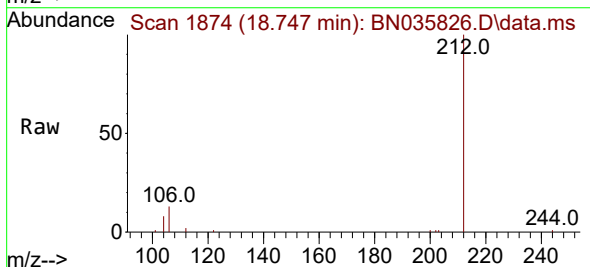
Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

Tgt Ion:188 Resp: 10383  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.6 4.6 6.8#

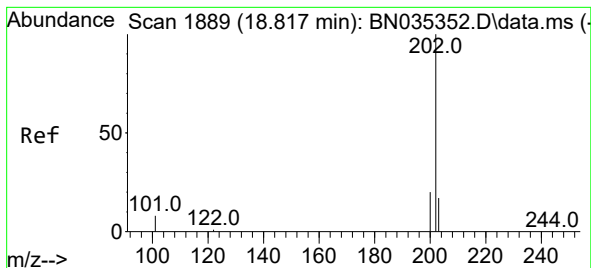


#27  
Fluoranthene-d10  
Concen: 0.418 ng  
RT: 18.747 min Scan# 1874  
Delta R.T. -0.014 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion:212 Resp: 12295  
Ion Ratio Lower Upper  
212 100  
106 11.2 9.2 13.8  
104 6.3 5.3 7.9







#28

Fluoranthene

Concen: 0.020 ng

RT: 18.780 min Scan# 1889

Delta R.T. -0.010 min

Lab File: BN035826.D

Acq: 24 Dec 2024 17:53

Instrument :

BNA\_N

ClientSampleId :

RE117D2-20241218

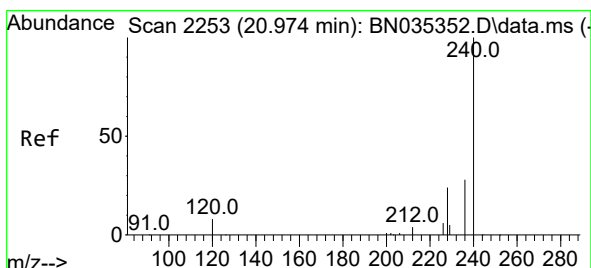
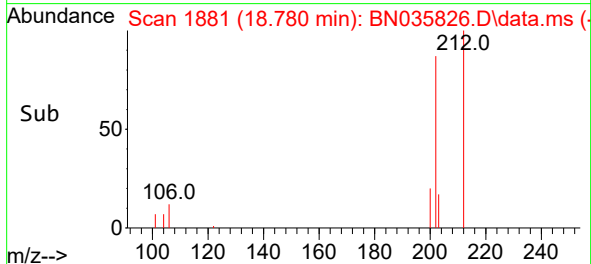
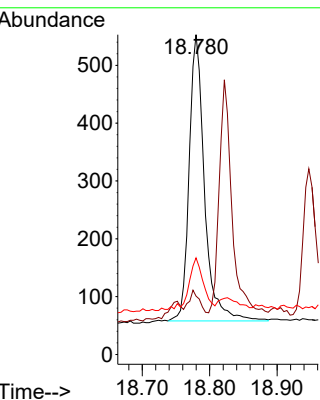
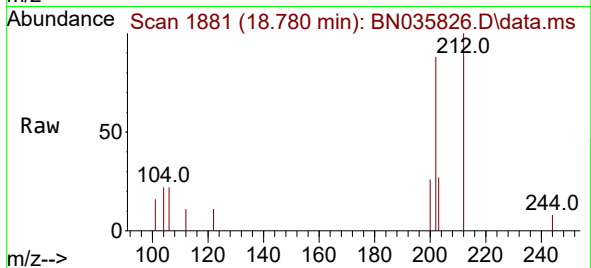
Tgt Ion:202 Resp: 782

Ion Ratio Lower Upper

202 100

101 5.5 7.4 11.0#

203 18.2 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.947 min Scan# 2250

Delta R.T. -0.009 min

Lab File: BN035826.D

Acq: 24 Dec 2024 17:53

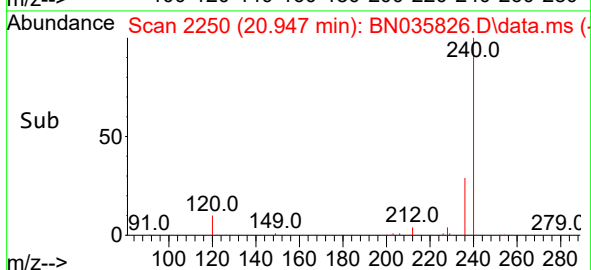
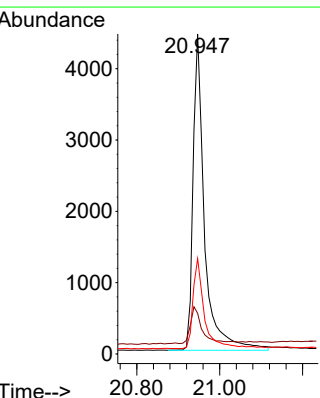
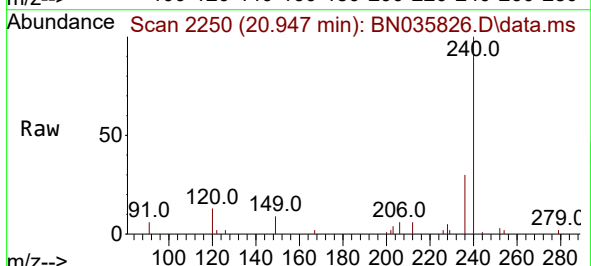
Tgt Ion:240 Resp: 8532

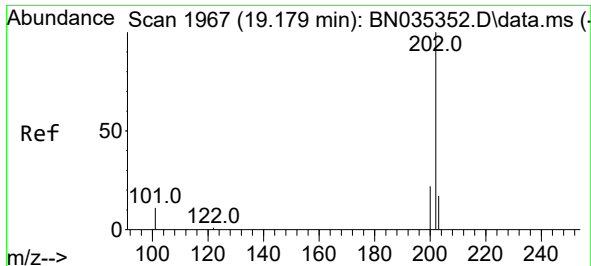
Ion Ratio Lower Upper

240 100

120 12.7 7.9 11.9#

236 29.8 22.9 34.3

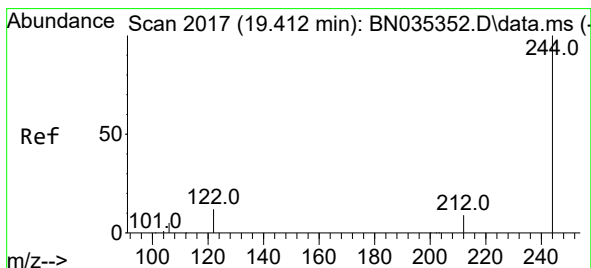
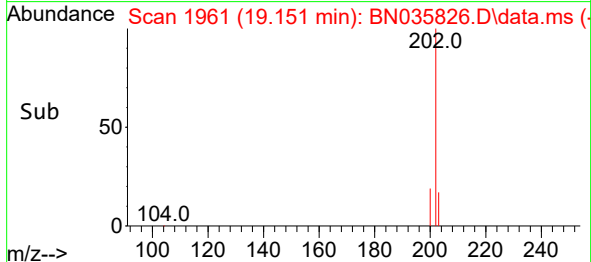
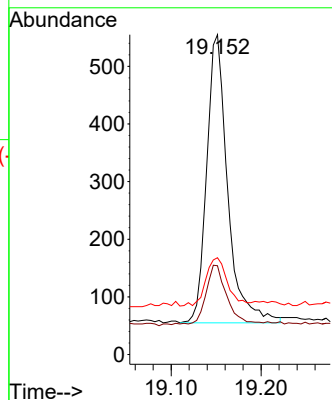
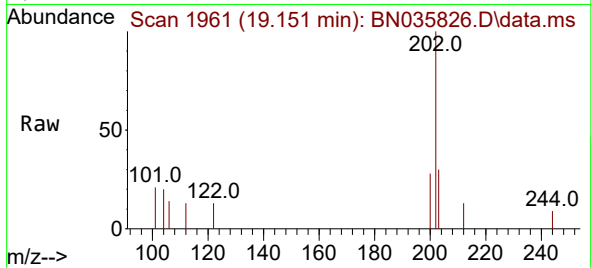




#30  
Pyrene  
Concen: 0.026 ng  
RT: 19.151 min Scan# 1967  
Delta R.T. -0.010 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

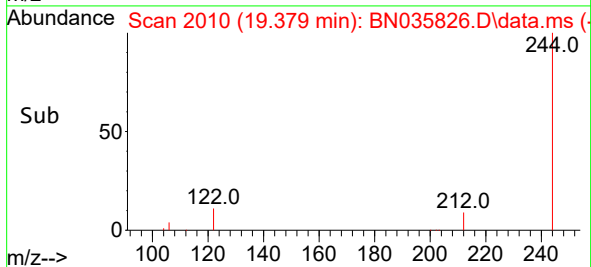
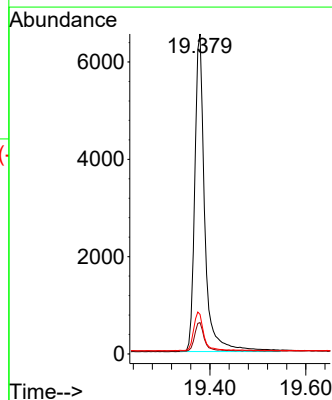
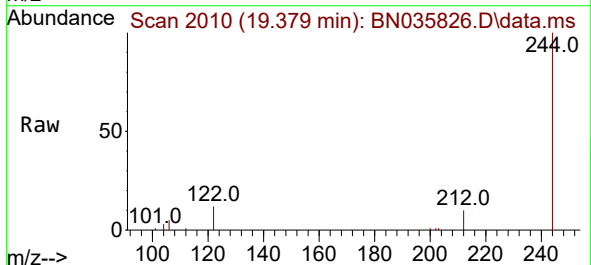
Instrument :  
BNA\_N  
ClientSampleId :  
RE117D2-20241218

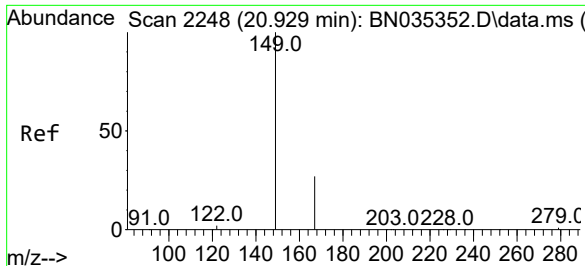
Tgt Ion:202 Resp: 811  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.4  
203 16.8 14.3 21.5



#31  
Terphenyl-d14  
Concen: 0.564 ng  
RT: 19.379 min Scan# 2010  
Delta R.T. -0.010 min  
Lab File: BN035826.D  
Acq: 24 Dec 2024 17:53

Tgt Ion:244 Resp: 9489  
Ion Ratio Lower Upper  
244 100  
212 9.8 8.1 12.1  
122 12.3 10.3 15.5

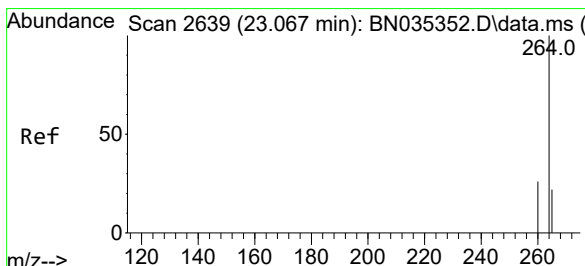
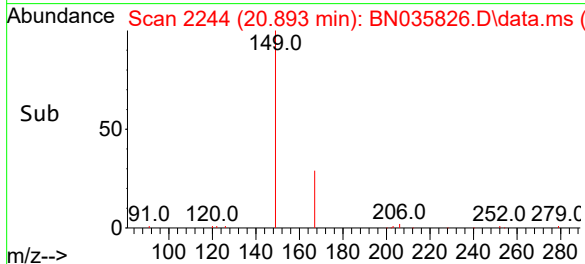
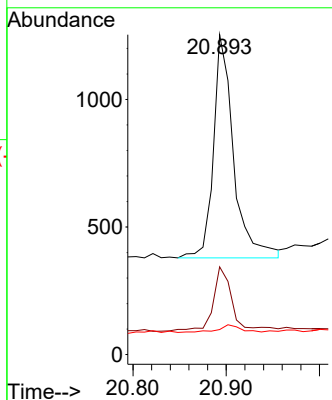
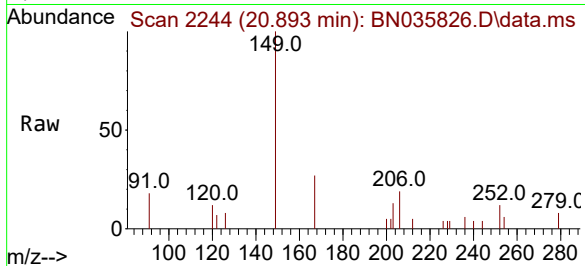




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.111 ng  
 RT: 20.893 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN035826.D  
 Acq: 24 Dec 2024 17:53

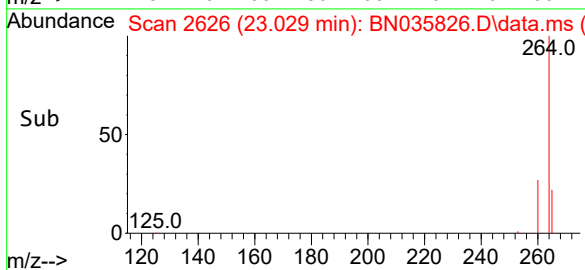
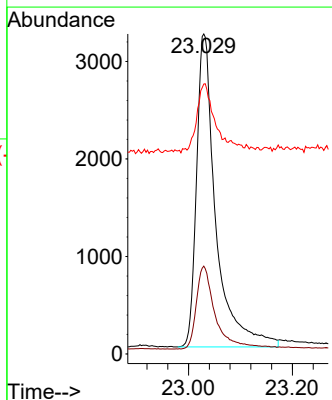
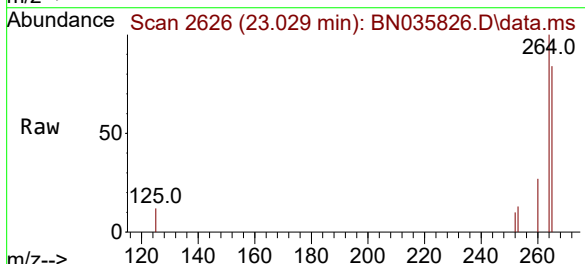
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE117D2-20241218

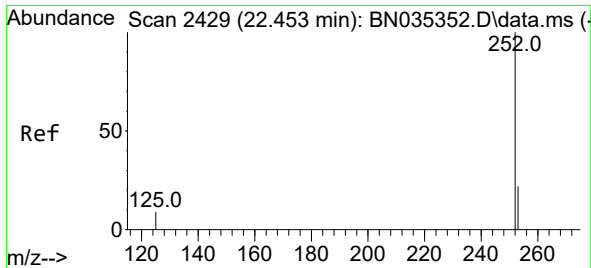
Tgt Ion:149 Resp: 1313  
 Ion Ratio Lower Upper  
 149 100  
 167 23.5 22.2 33.4  
 279 3.8 2.7 4.1



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.029 min Scan# 2626  
 Delta R.T. -0.012 min  
 Lab File: BN035826.D  
 Acq: 24 Dec 2024 17:53

Tgt Ion:264 Resp: 8295  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 21.4 32.2  
 265 84.4 40.2 60.4#





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.424 min Scan# 24

Delta R.T. -0.006 min

Lab File: BN035826.D

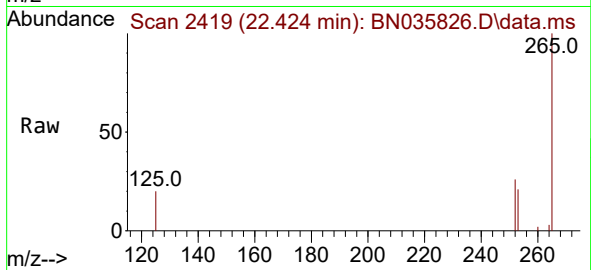
Acq: 24 Dec 2024 17:53

Instrument :

BNA\_N

ClientSampleId :

RE117D2-20241218



Tgt Ion:252 Resp: 720

Ion Ratio Lower Upper

252 100

253 80.6 19.6 29.4#

125 75.3 9.6 14.4#

