

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071124\  
 Data File : BN032624.D  
 Acq On : 10 Jul 2024 21:21  
 Operator : MA/JU  
 Sample : PB161896BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB161896BL

Quant Time: Jul 11 00:03:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 23:45:48 2024  
 Response via : Initial Calibration

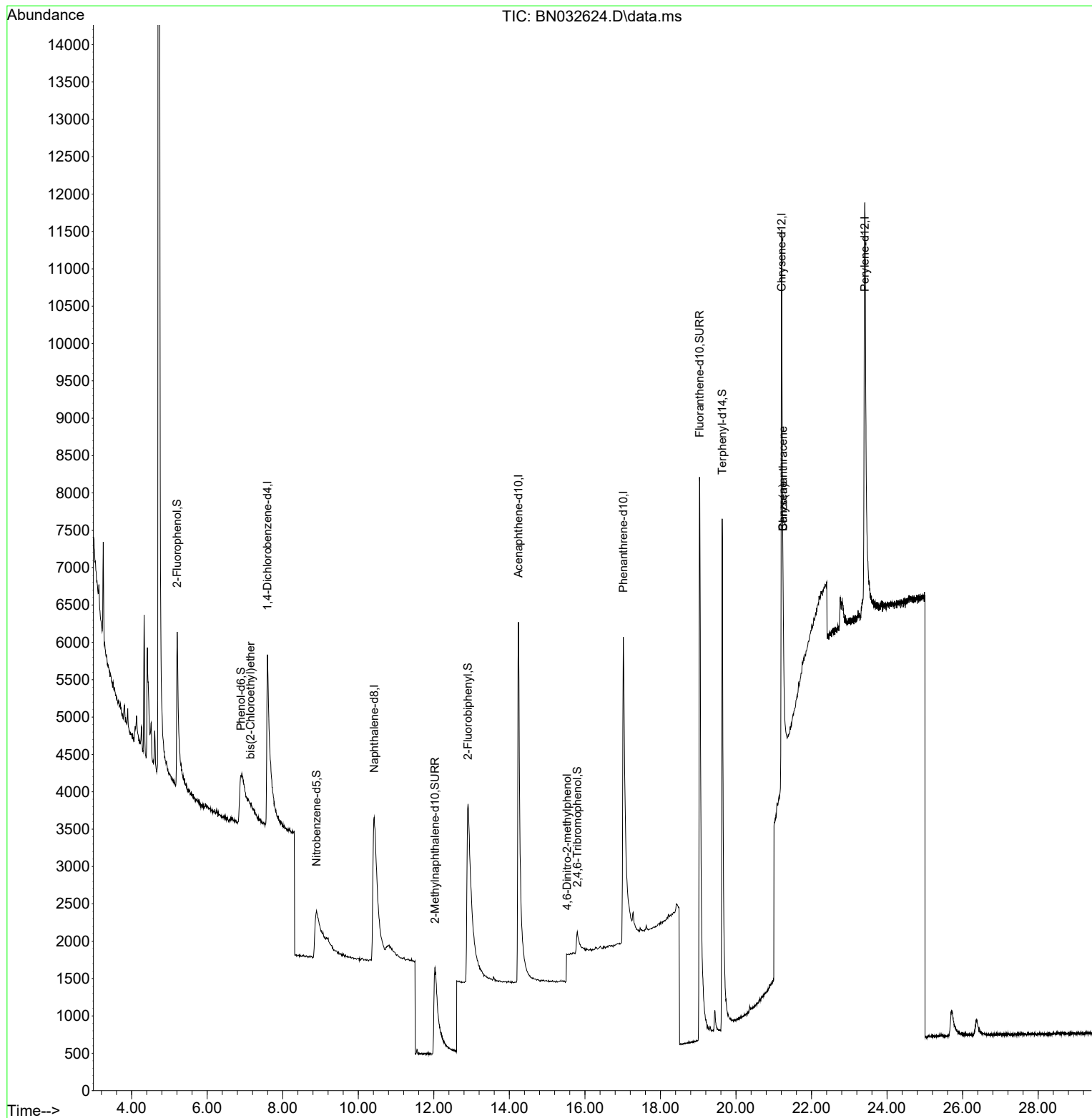
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.595  | 152  | 3773     | 0.400 | ng    | 0.03     |
| 7) Naphthalene-d8             | 10.421 | 136  | 11590    | 0.400 | ng    | # 0.06   |
| 13) Acenaphthene-d10          | 14.242 | 164  | 7456     | 0.400 | ng    | 0.03     |
| 19) Phenanthrene-d10          | 17.016 | 188  | 15874    | 0.400 | ng    | 0.04     |
| 29) Chrysene-d12              | 21.211 | 240  | 13976    | 0.400 | ng    | 0.02     |
| 35) Perylene-d12              | 23.411 | 264  | 13928    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.205  | 112  | 4449     | 0.466 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 3806     | 0.321 | ng    | 0.10     |
| 8) Nitrobenzene-d5            | 8.894  | 82   | 3145     | 0.360 | ng    | 0.12     |
| 11) 2-Methylnaphthalene-d10   | 12.028 | 152  | 7180     | 0.405 | ng    | 0.06     |
| 14) 2,4,6-Tribromophenol      | 15.800 | 330  | 467      | 0.147 | ng    | 0.06     |
| 15) 2-Fluorobiphenyl          | 12.906 | 172  | 10296    | 0.371 | ng    | 0.05     |
| 27) Fluoranthene-d10          | 19.040 | 212  | 19193    | 0.467 | ng    | 0.02     |
| 31) Terphenyl-d14             | 19.634 | 244  | 14042    | 0.490 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.148  | 93   | 529      | 0.053 | ng    | # 31     |
| 20) 4,6-Dinitro-2-methylph... | 15.527 | 198  | 3        | 0.294 | ng    | # 1      |
| 32) Benzo(a)anthracene        | 21.247 | 228  | 1290     | 0.029 | ng    | # 76     |
| 33) Chrysene                  | 21.247 | 228  | 1614     | 0.031 | ng    | # 80     |
| -----                         |        |      |          |       |       |          |

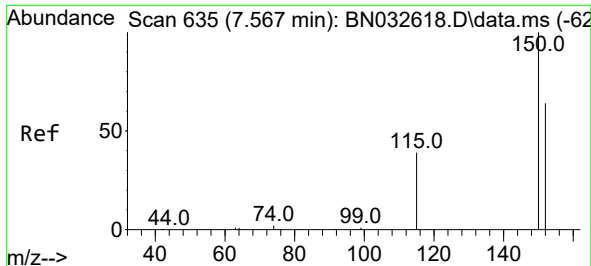
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071124\  
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ALS Vial : 11 Sample Multiplier: 1

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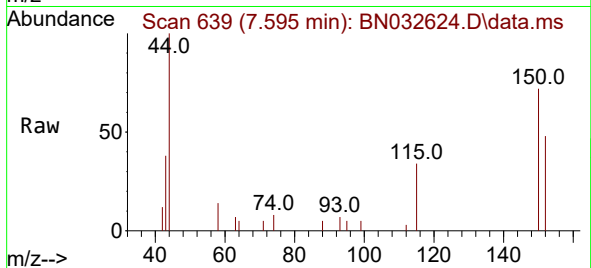
Quant Time: Jul 11 00:03:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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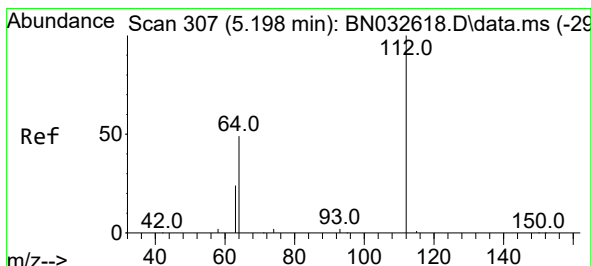
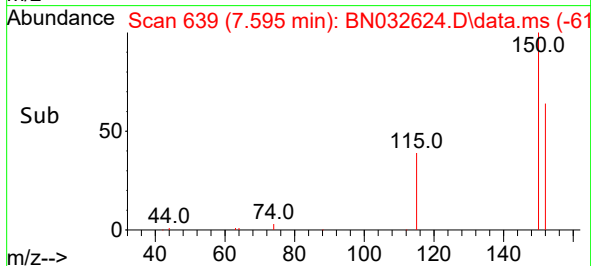
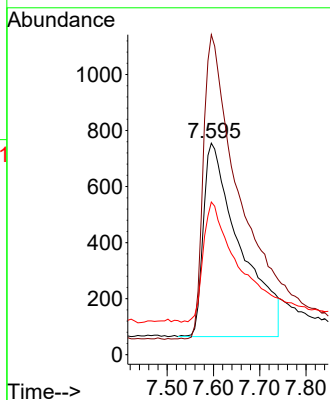


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.595 min Scan# 61  
Delta R.T. 0.028 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

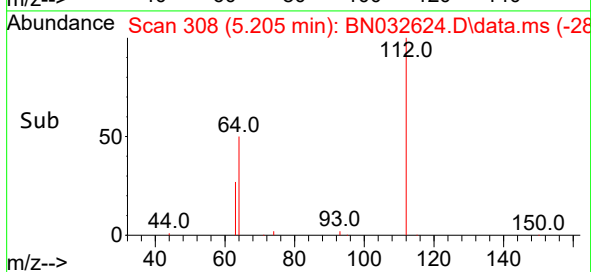
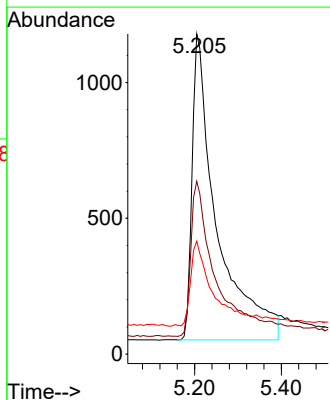
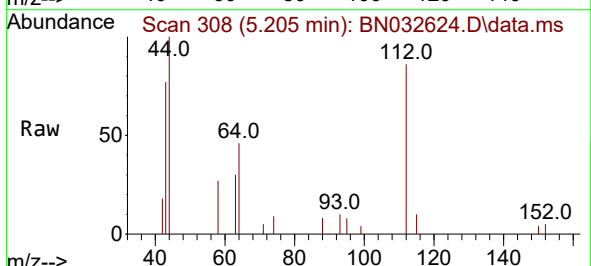


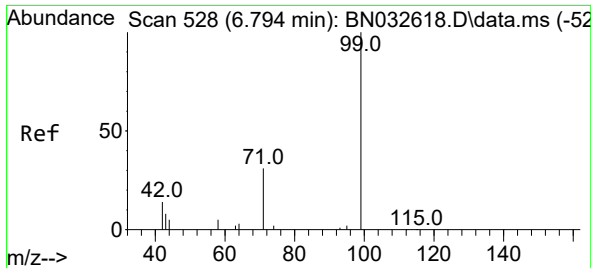
Tgt Ion:152 Resp: 3773  
Ion Ratio Lower Upper  
152 100  
150 151.3 123.8 185.6  
115 72.2 52.8 79.2



#4  
2-Fluorophenol  
Concen: 0.466 ng  
RT: 5.205 min Scan# 308  
Delta R.T. 0.007 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:112 Resp: 4449  
Ion Ratio Lower Upper  
112 100  
64 51.9 40.2 60.4  
63 27.8 22.2 33.4

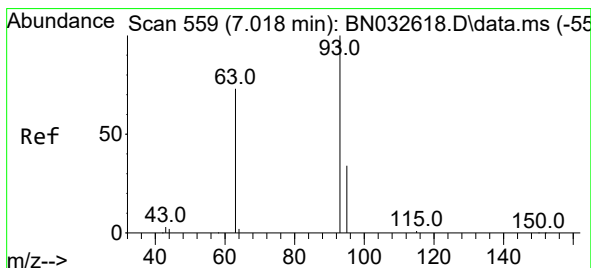
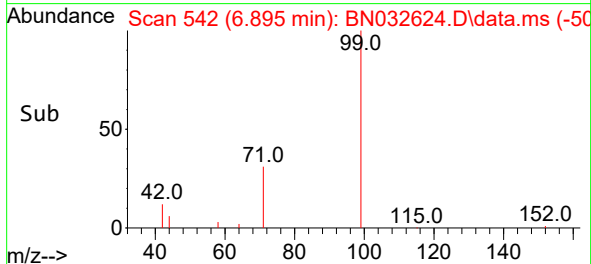
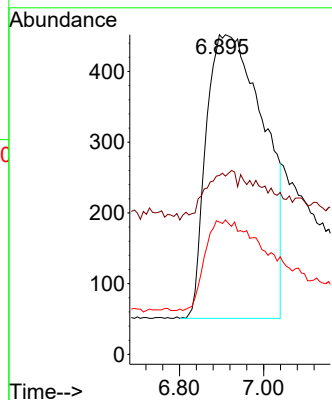
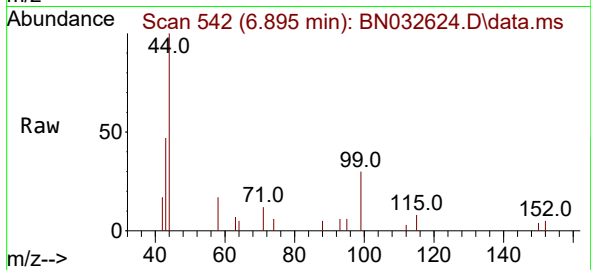




#5  
Phenol-d6  
Concen: 0.321 ng  
RT: 6.895 min Scan# 542  
Delta R.T. 0.101 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

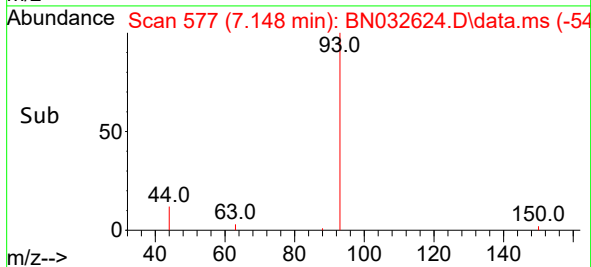
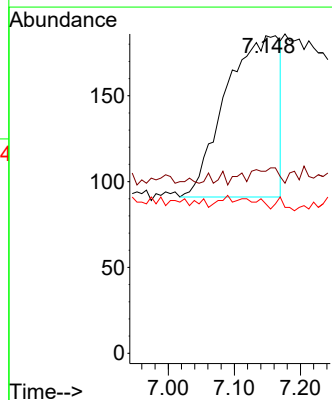
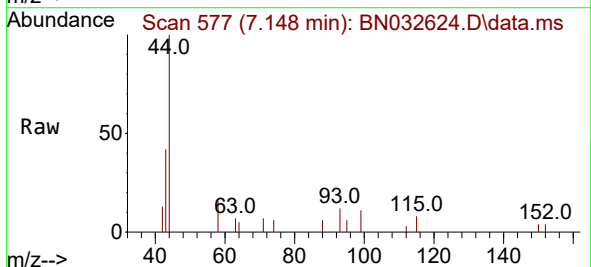
Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

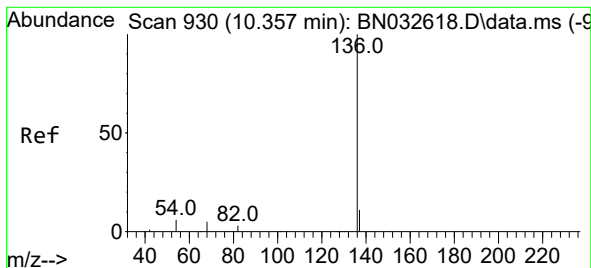
Tgt Ion: 99 Resp: 3806  
Ion Ratio Lower Upper  
99 100  
42 0.0 10.5 15.7#  
71 10.1 22.3 33.5#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.053 ng  
RT: 7.148 min Scan# 577  
Delta R.T. 0.130 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion: 93 Resp: 529  
Ion Ratio Lower Upper  
93 100  
63 1.5 46.4 69.6#  
95 0.0 25.5 38.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.421 min Scan# 91

Delta R.T. 0.064 min

Lab File: BN032624.D

Acq: 10 Jul 2024 21:21

Instrument :

BNA\_N

ClientSampleId :

PB161896BL

Tgt Ion:136 Resp: 11590

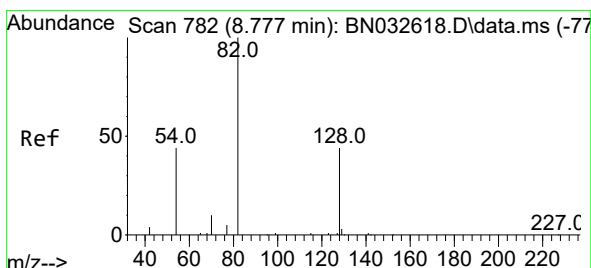
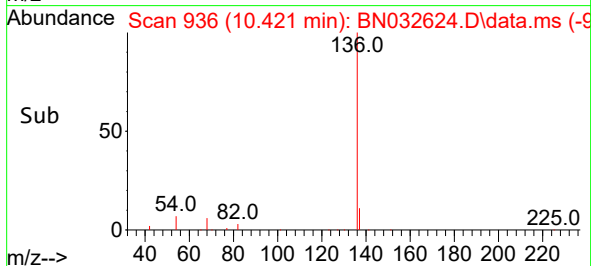
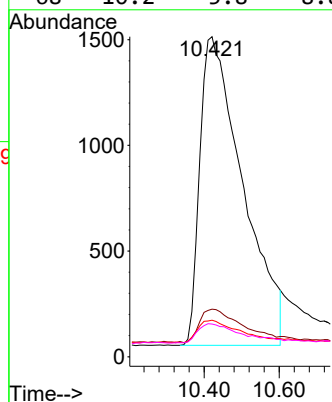
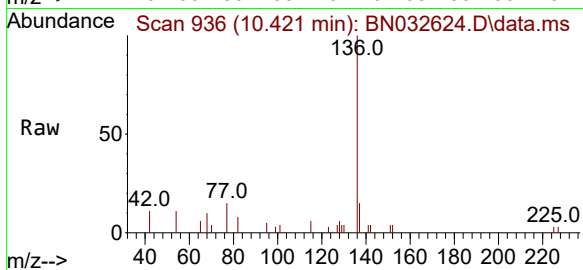
Ion Ratio Lower Upper

136 100

137 14.9 9.9 14.9

54 11.4 6.5 9.7#

68 10.2 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.360 ng

RT: 8.894 min Scan# 793

Delta R.T. 0.117 min

Lab File: BN032624.D

Acq: 10 Jul 2024 21:21

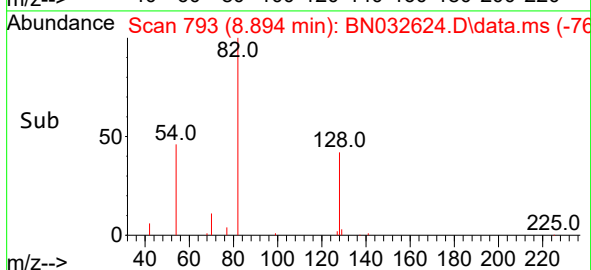
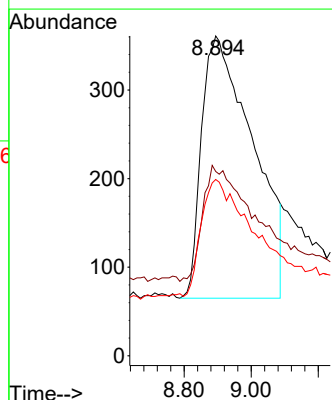
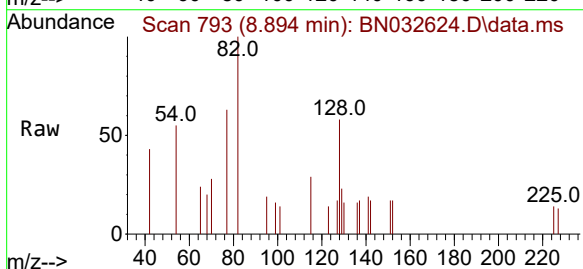
Tgt Ion: 82 Resp: 3145

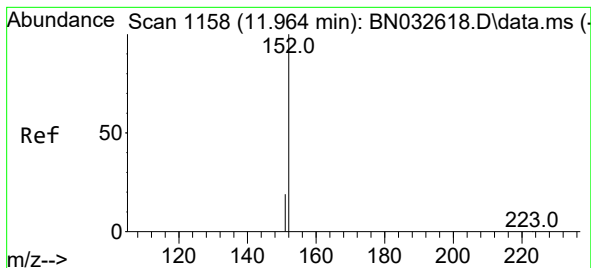
Ion Ratio Lower Upper

82 100

128 57.6 41.7 62.5

54 55.1 39.5 59.3

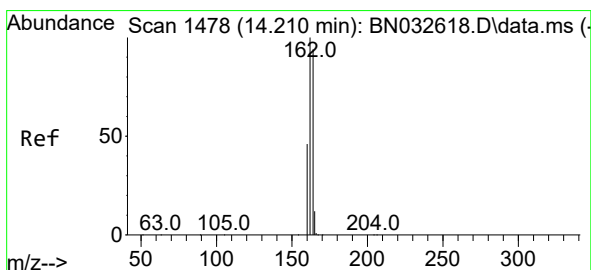
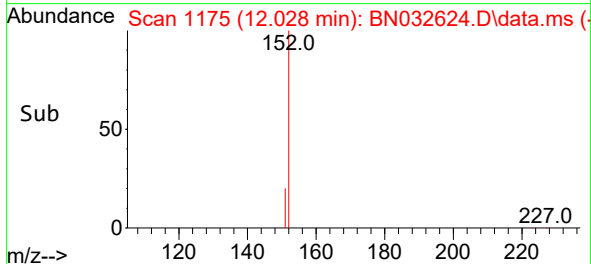
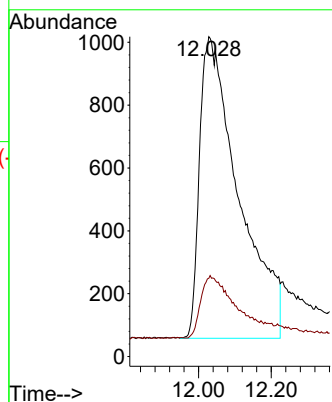
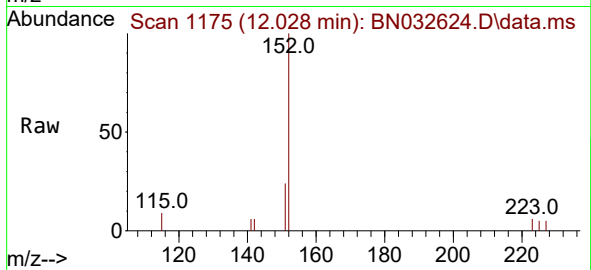




#11  
2-Methylnaphthalene-d10  
Concen: 0.405 ng  
RT: 12.028 min Scan# 1158  
Delta R.T. 0.064 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

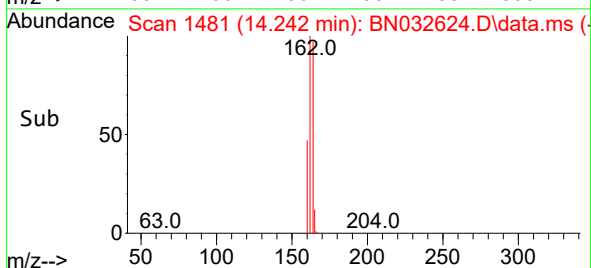
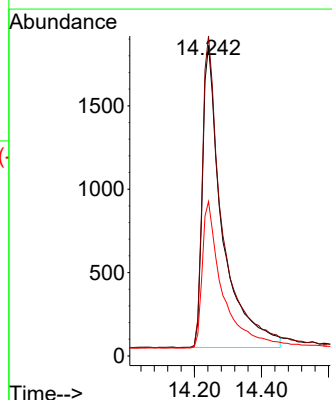
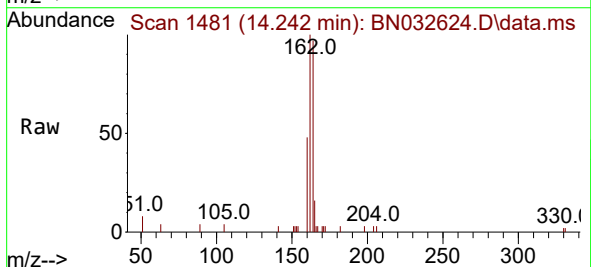
Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

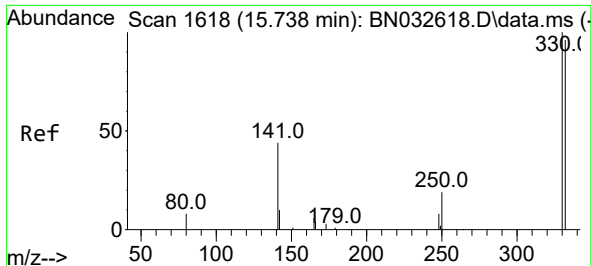
Tgt Ion:152 Resp: 7180  
Ion Ratio Lower Upper  
152 100  
151 17.9 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.242 min Scan# 1481  
Delta R.T. 0.032 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:164 Resp: 7456  
Ion Ratio Lower Upper  
164 100  
162 103.1 85.0 127.4  
160 49.8 39.4 59.2

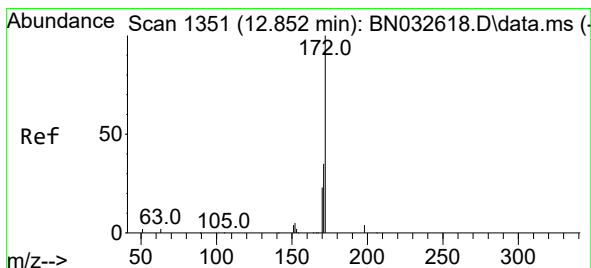
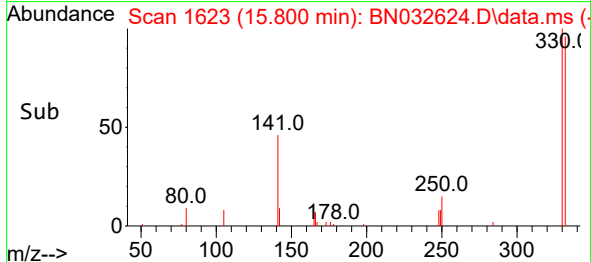
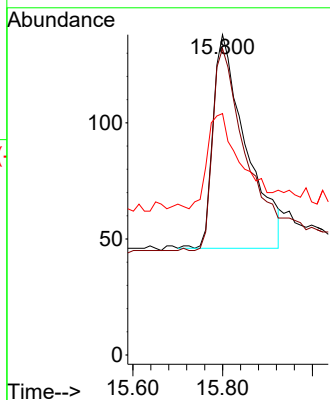
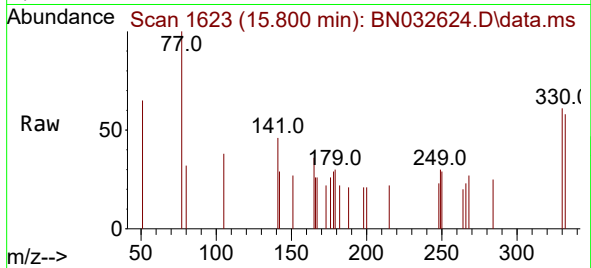




#14  
2,4,6-Tribromophenol  
Concen: 0.147 ng  
RT: 15.800 min Scan# 1  
Delta R.T. 0.062 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

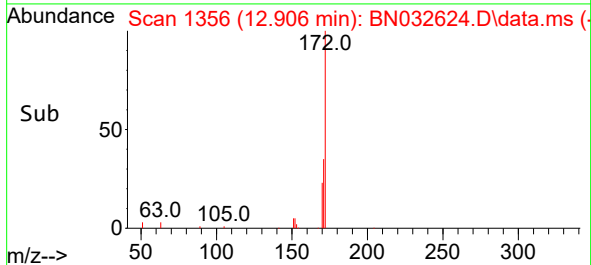
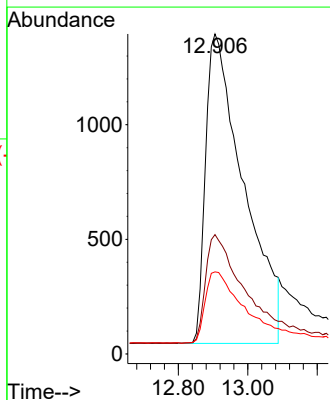
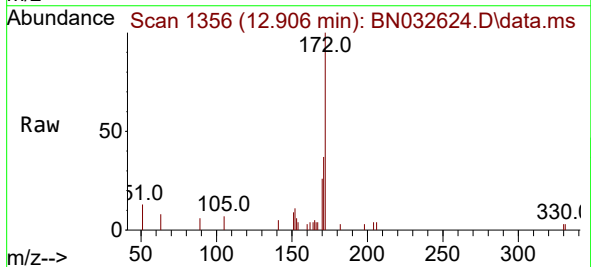
Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

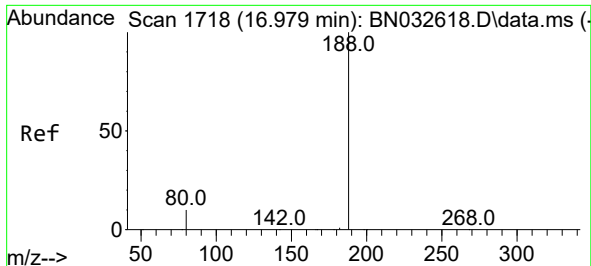
Tgt Ion:330 Resp: 467  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.8 116.8  
141 46.0 34.2 51.2



#15  
2-Fluorobiphenyl  
Concen: 0.371 ng  
RT: 12.906 min Scan# 1356  
Delta R.T. 0.053 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:172 Resp: 10296  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.6 43.0  
170 25.6 19.0 28.6

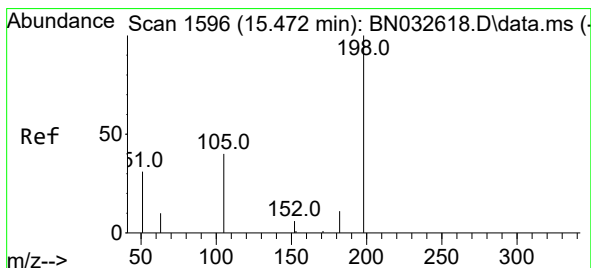
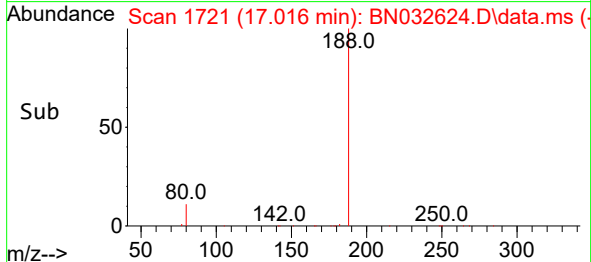
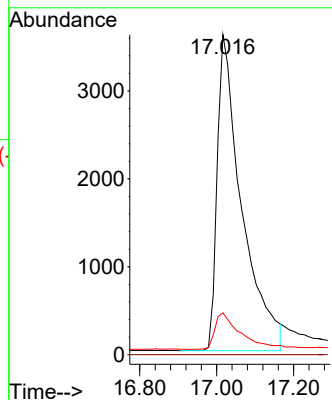
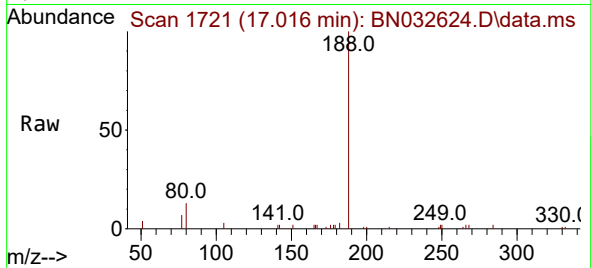




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.016 min Scan# 11  
Delta R.T. 0.037 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

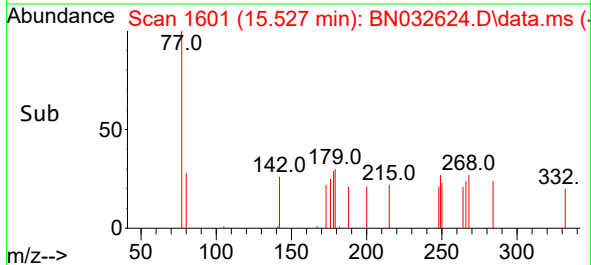
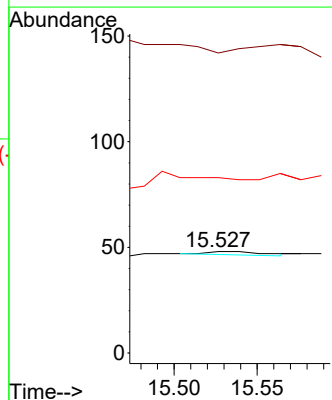
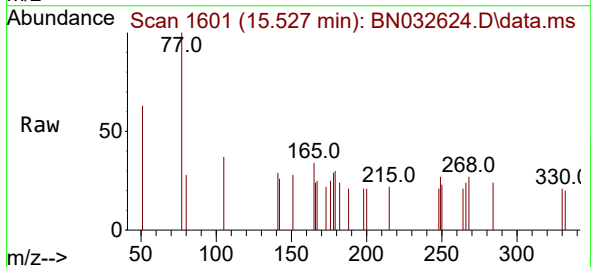
Instrument :  
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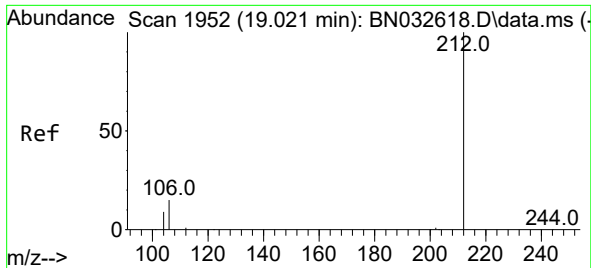
Tgt Ion:188 Resp: 15874  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 8.8 13.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.294 ng  
RT: 15.527 min Scan# 1601  
Delta R.T. 0.055 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
51 295.8 105.7 158.5#  
105 172.9 63.0 94.6#

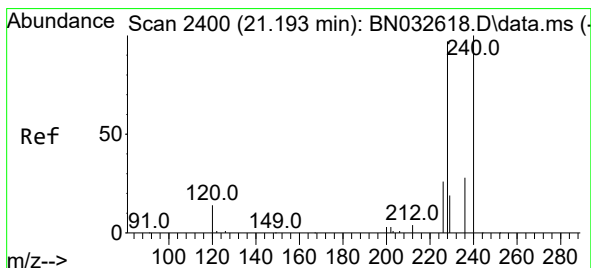
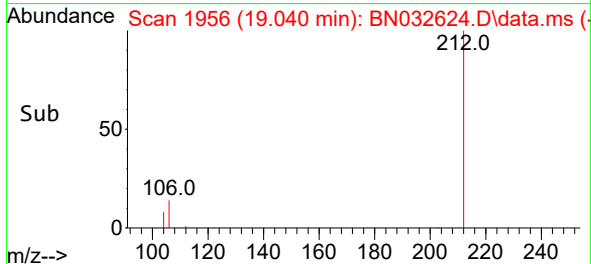
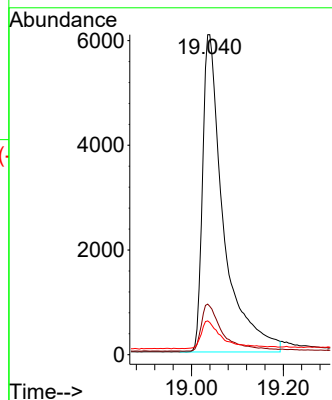
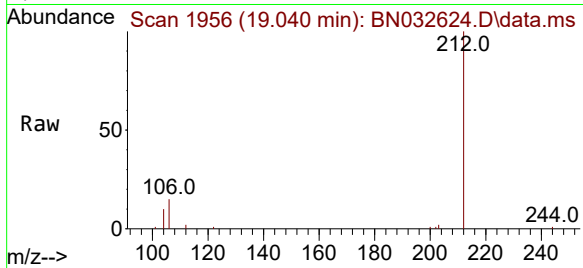




#27  
Fluoranthene-d10  
Concen: 0.467 ng  
RT: 19.040 min Scan# 1956  
Delta R.T. 0.018 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

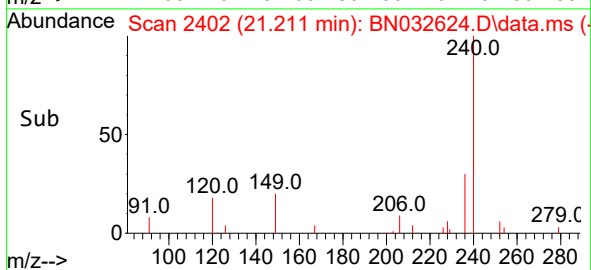
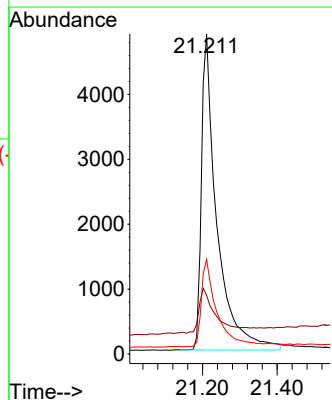
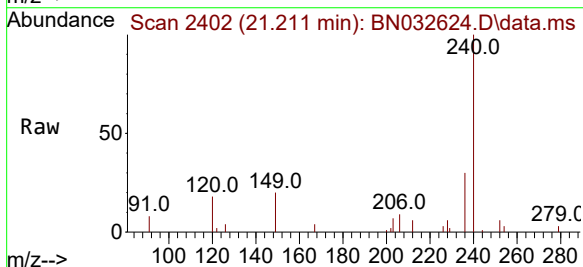
Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

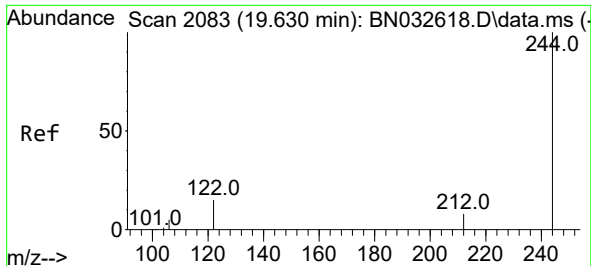
Tgt Ion:212 Resp: 19193  
Ion Ratio Lower Upper  
212 100  
106 15.2 11.9 17.9  
104 8.9 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.211 min Scan# 2402  
Delta R.T. 0.018 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:240 Resp: 13976  
Ion Ratio Lower Upper  
240 100  
120 18.3 14.8 22.2  
236 29.6 23.3 34.9

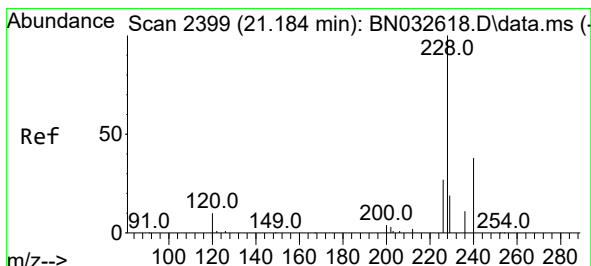
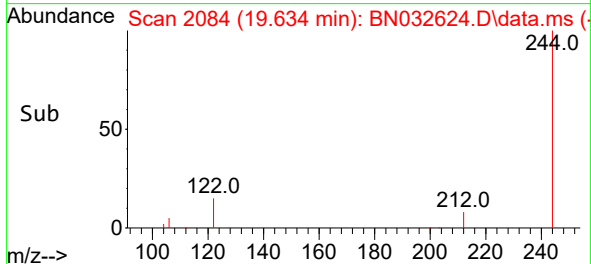
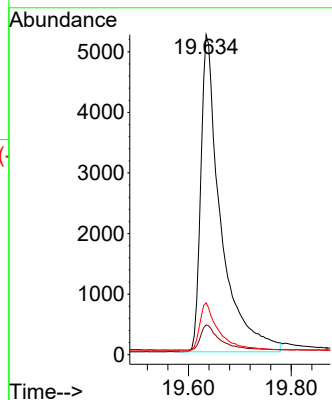
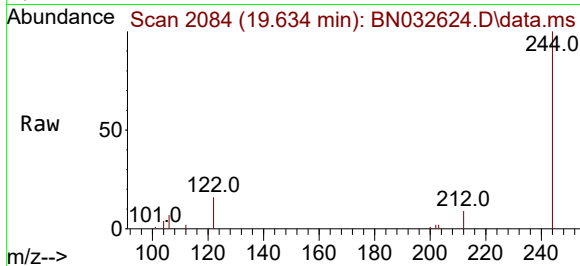




#31  
Terphenyl-d14  
Concen: 0.490 ng  
RT: 19.634 min Scan# 2083  
Delta R.T. 0.004 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

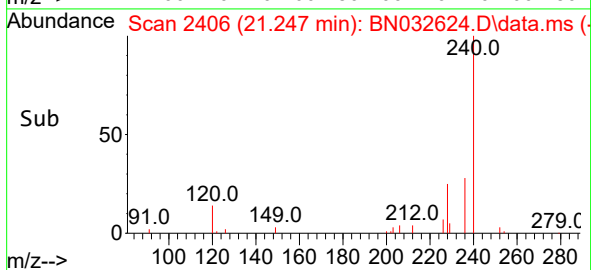
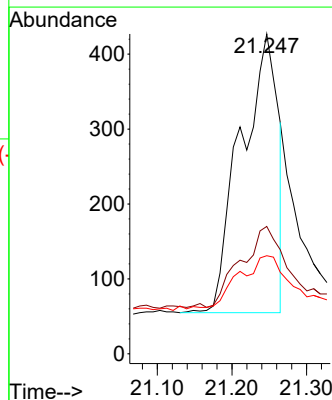
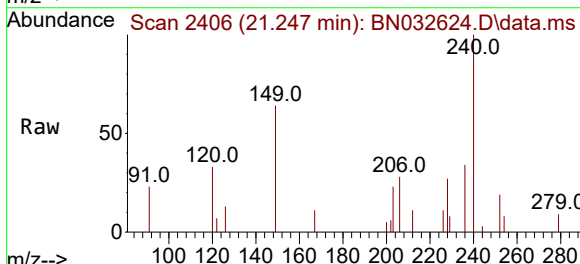
Instrument :  
BNA\_N  
ClientSampleId :  
PB161896BL

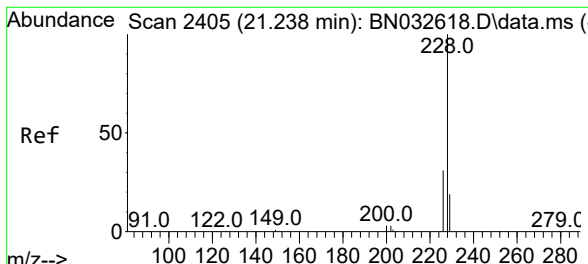
Tgt Ion:244 Resp: 14042  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.5 11.3  
122 16.2 12.6 19.0



#32  
Benzo(a)anthracene  
Concen: 0.029 ng  
RT: 21.247 min Scan# 2406  
Delta R.T. 0.063 min  
Lab File: BN032624.D  
Acq: 10 Jul 2024 21:21

Tgt Ion:228 Resp: 1290  
Ion Ratio Lower Upper  
228 100  
226 39.8 21.8 32.6#  
229 30.7 16.0 24.0#

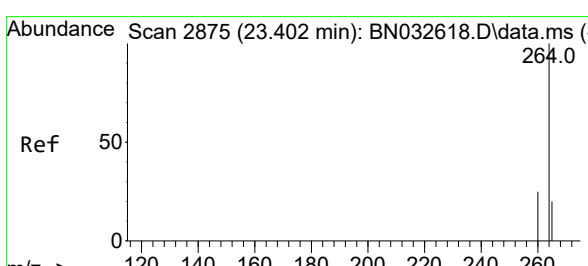
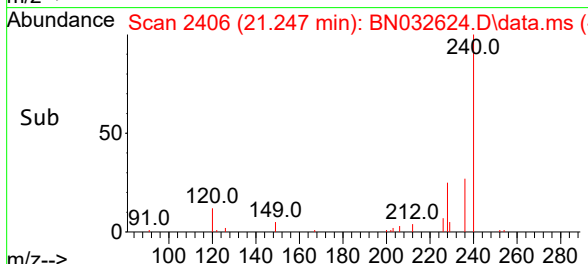
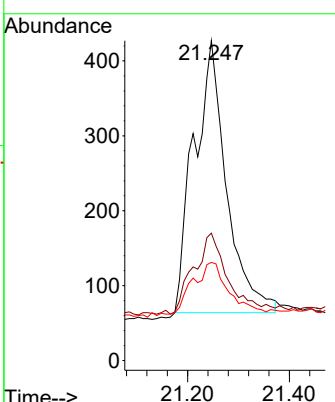
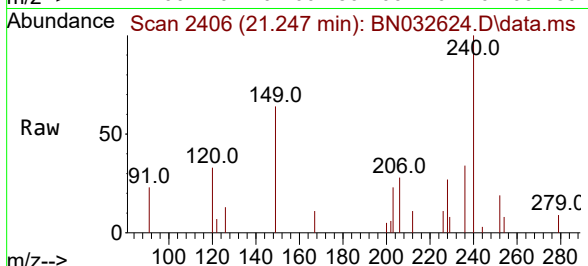




#33  
 Chrysene  
 Concen: 0.031 ng  
 RT: 21.247 min Scan# 2406  
 Delta R.T. 0.009 min  
 Lab File: BN032624.D  
 Acq: 10 Jul 2024 21:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB161896BL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 1614  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 39.8  | 24.2  | 36.2# |
| 229       | 30.7  | 16.0  | 24.0# |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.411 min Scan# 2878  
 Delta R.T. 0.009 min  
 Lab File: BN032624.D  
 Acq: 10 Jul 2024 21:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 13928 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.5  | 20.9  | 31.3  |
| 265       | 127.0 | 85.4  | 128.2 |

