

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081724\  
 Data File : BN033442.D  
 Acq On : 16 Aug 2024 22:04  
 Operator : MA/JU  
 Sample : P3466-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-WP0-0.25-080224

Quant Time: Aug 17 00:46:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 16 04:44:11 2024  
 Response via : Initial Calibration

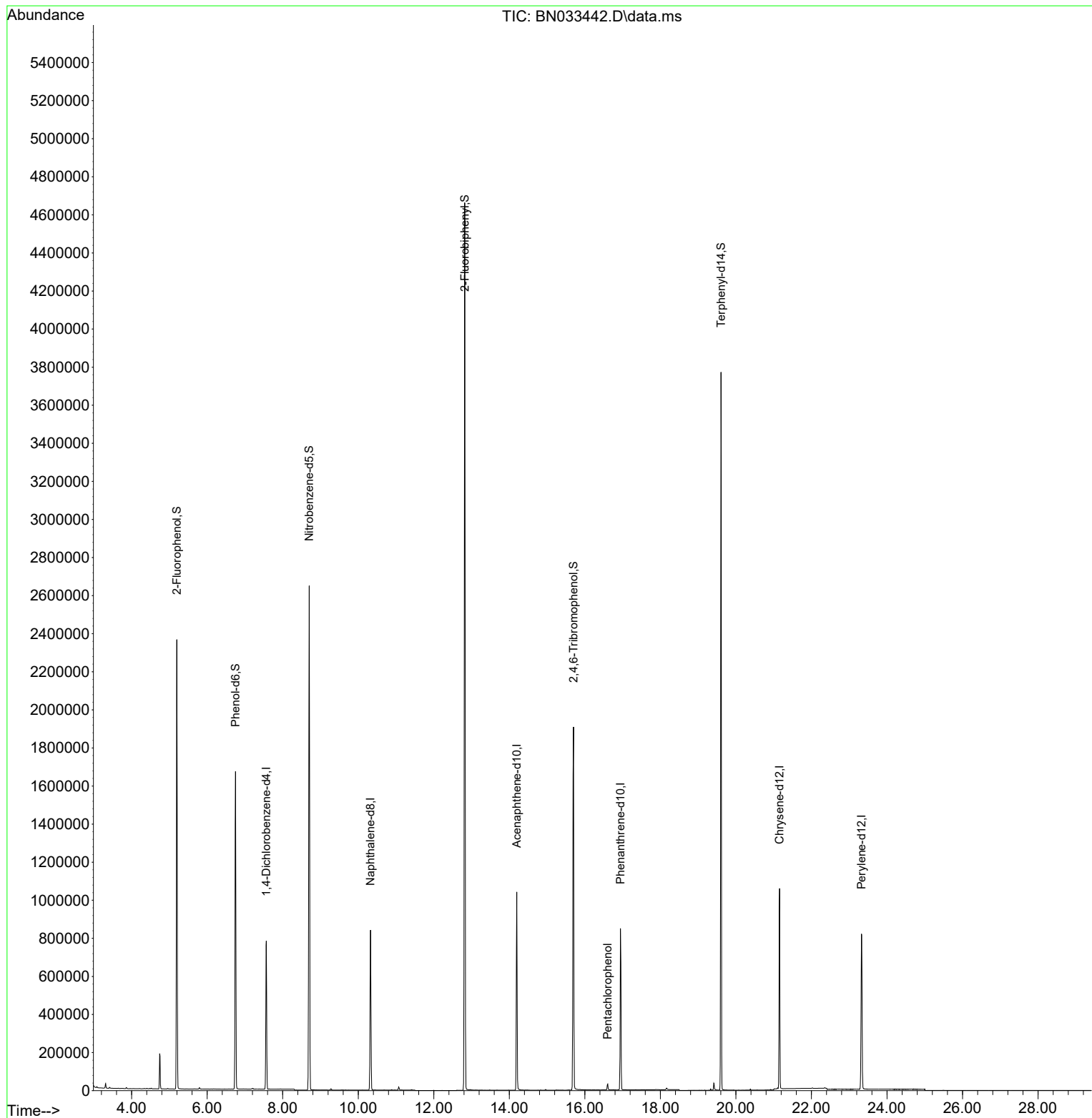
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.566  | 152  | 376394   | 20.000  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.325 | 136  | 1039826  | 20.000  | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.199 | 164  | 578544   | 20.000  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.941 | 188  | 1167264  | 20.000  | ng    | -0.01    |
| 29) Chrysene-d12              | 21.157 | 240  | 962255   | 20.000  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.326 | 264  | 1027396  | 20.000  | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.197  | 112  | 1691809  | 81.367  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.750  | 99   | 1424548  | 50.724  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.702  | 82   | 1939407  | 123.644 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.922 | 152  | 4        | 0.000   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.700 | 330  | 1146673  | 193.156 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.820 | 172  | 3951536  | 83.310  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.984 | 212  | 95       | 0.002   | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.606 | 244  | 3653696  | 100.492 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.190  | 88   | 219      | 0.026   | ng    | # 18     |
| 18) Fluorene                  | 15.247 | 166  | 1672     | 0.034   | ng    | # 24     |
| 24) Pentachlorophenol         | 16.606 | 266  | 15603    | 2.465   | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.157 | 228  | 3876     | 0.054   | ng    | # 67     |
| 33) Chrysene                  | 21.157 | 228  | 4060     | 0.056   | ng    | # 64     |
| 34) Bis(2-ethylhexyl)phtha... | 21.103 | 149  | 4730     | 0.145   | ng    | # 99     |
| -----                         |        |      |          |         |       |          |

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

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Sample : P3466-05  
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ALS Vial : 16 Sample Multiplier: 50

Instrument :  
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919-J-WP0-0.25-080224

Quant Time: Aug 17 00:46:56 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 16 04:44:11 2024  
Response via : Initial Calibration

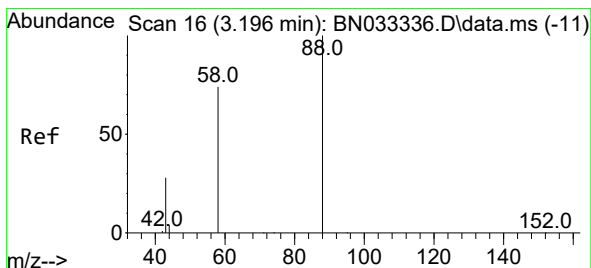
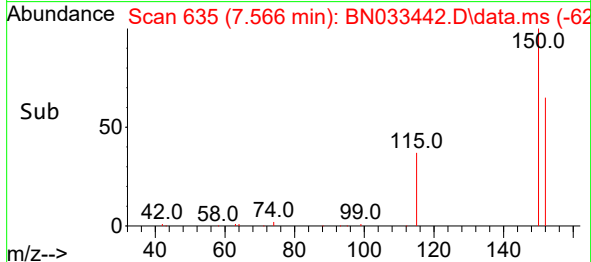
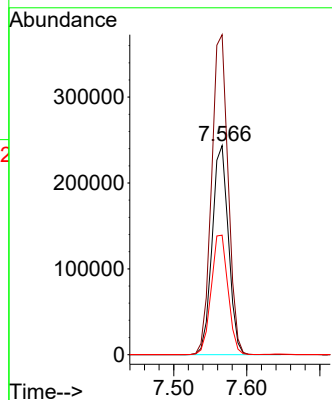
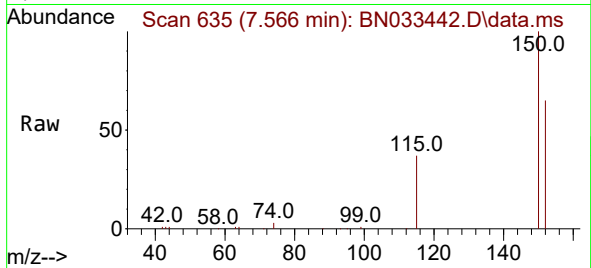




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.566 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

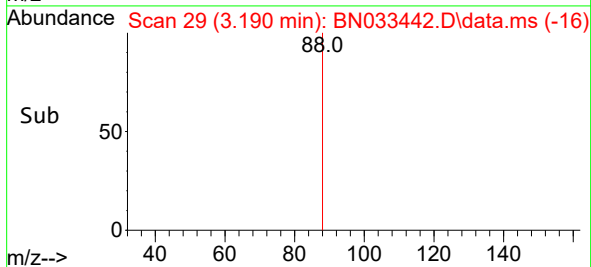
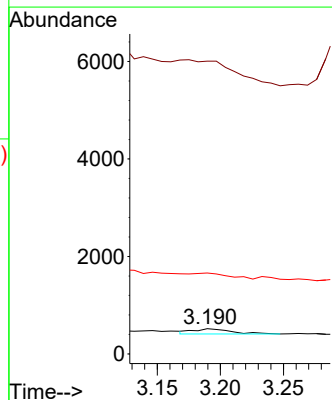
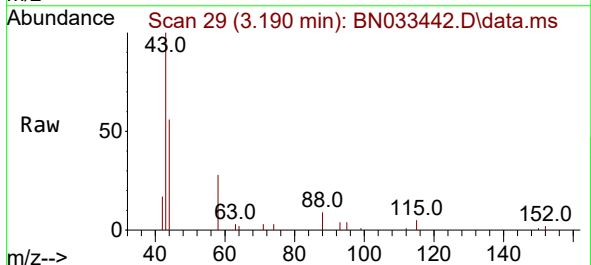
Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-WP0-0.25-080224

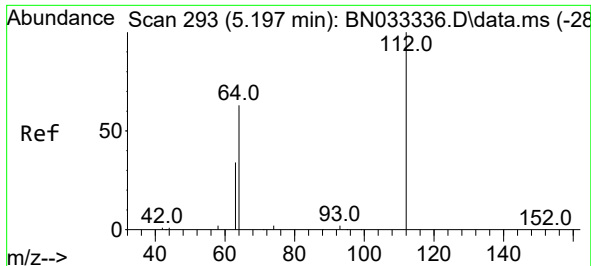
Tgt Ion:152 Resp: 376394  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 122.3 183.5  
 115 57.2 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 0.026 ng  
 RT: 3.190 min Scan# 29  
 Delta R.T. -0.008 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

Tgt Ion: 88 Resp: 219  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 30.6 46.0#  
 58 0.0 64.5 96.7#

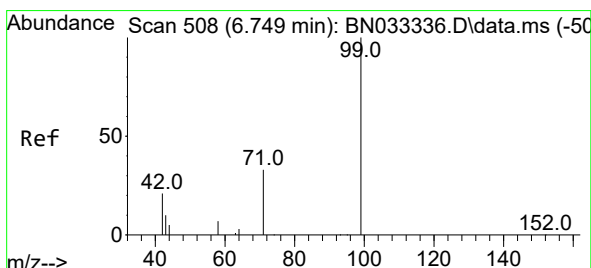
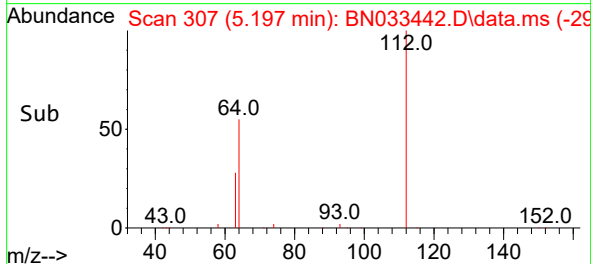
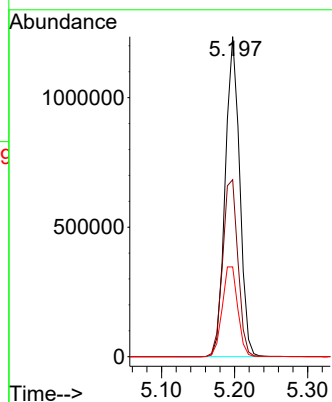
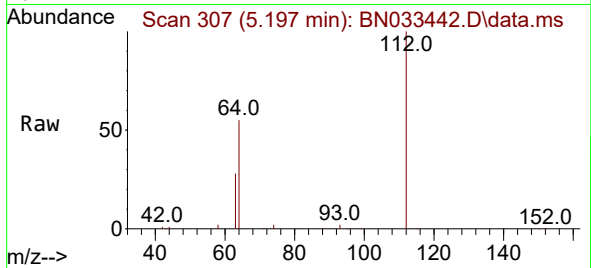




#4  
2-Fluorophenol  
Concen: 81.367 ng  
RT: 5.197 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

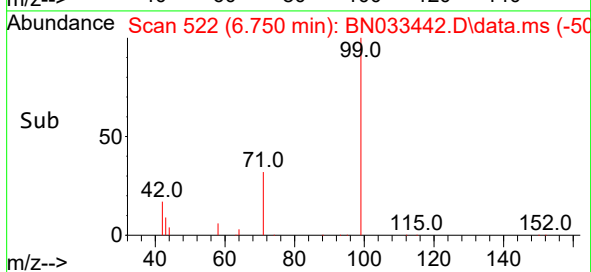
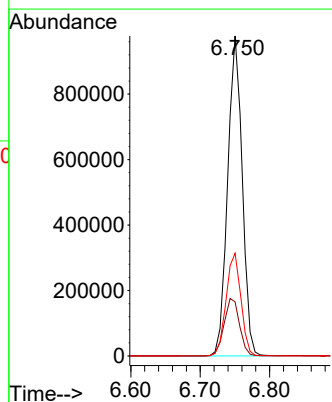
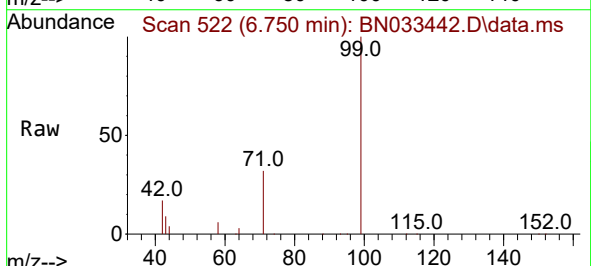
Instrument :  
BNA\_N  
ClientSampleId :  
919-J-WP0-0.25-080224

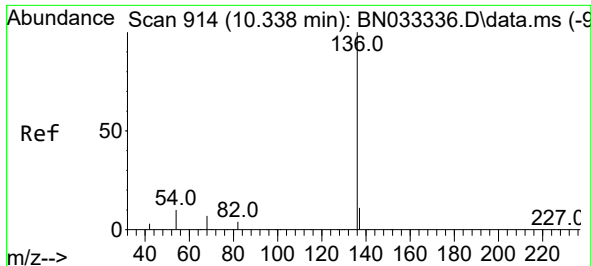
Tgt Ion:112 Resp: 1691809  
Ion Ratio Lower Upper  
112 100  
64 58.7 48.1 72.1  
63 30.3 25.4 38.2



#5  
Phenol-d6  
Concen: 50.724 ng  
RT: 6.750 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

Tgt Ion: 99 Resp: 1424548  
Ion Ratio Lower Upper  
99 100  
42 18.9 18.5 27.7  
71 32.7 26.2 39.2

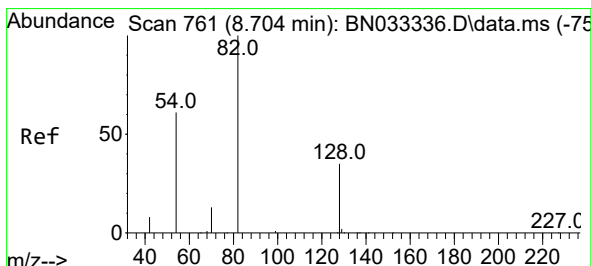
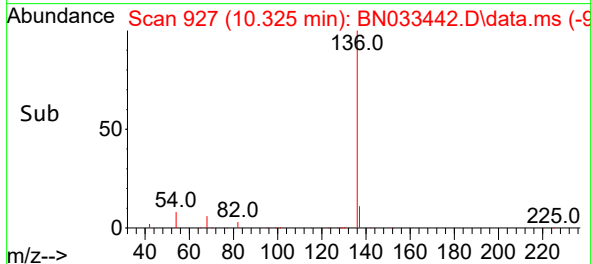
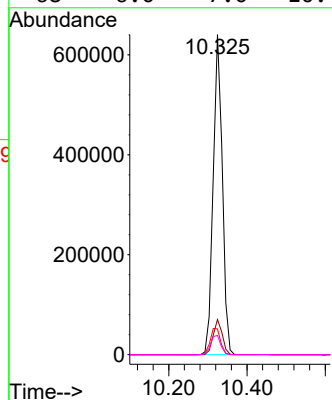
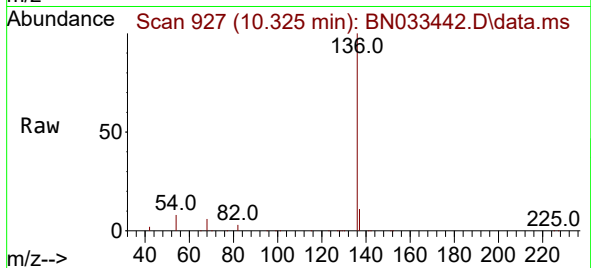




#7  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.325 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

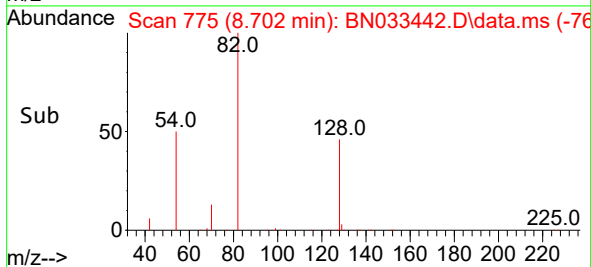
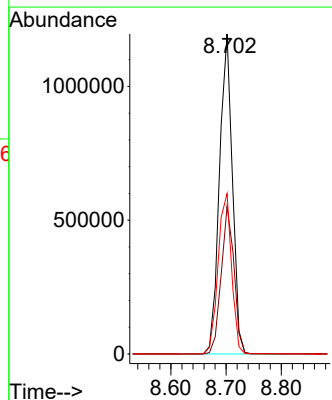
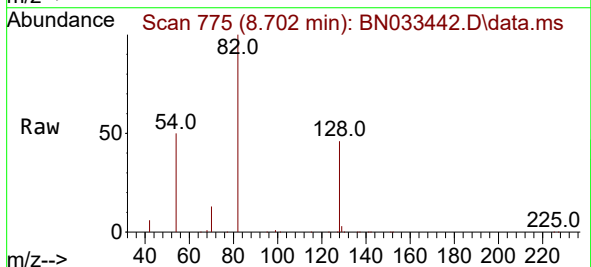
Instrument :  
BNA\_N  
ClientSampleId :  
919-J-WP0-0.25-080224

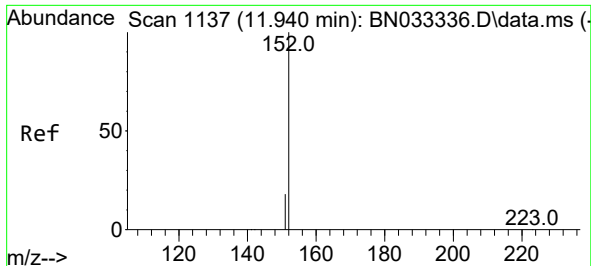
Tgt Ion:136 Resp: 1039826  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 8.1 9.4 14.0#  
68 6.0 7.0 10.4#



#8  
Nitrobenzene-d5  
Concen: 123.644 ng  
RT: 8.702 min Scan# 775  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

Tgt Ion: 82 Resp: 1939407  
Ion Ratio Lower Upper  
82 100  
128 46.1 29.0 43.4#  
54 50.1 50.2 75.4#

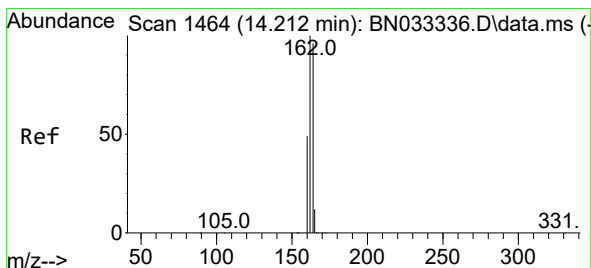
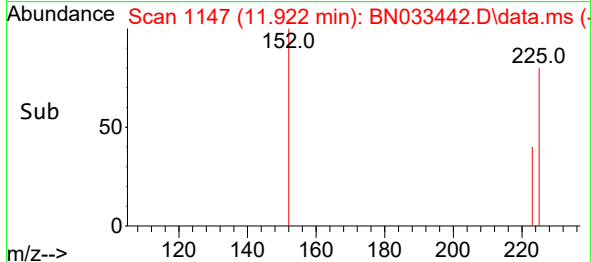
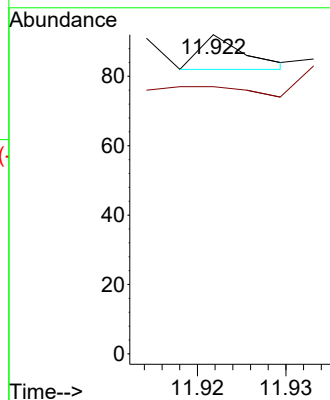
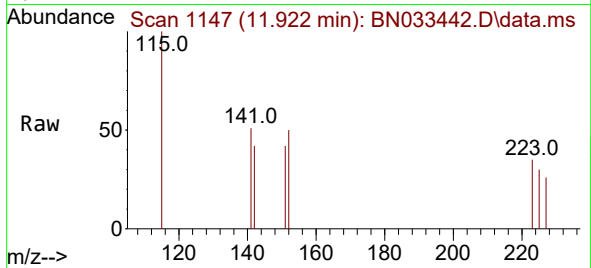




#11  
2-Methylnaphthalene-d10  
Concen: 0.000 ng  
RT: 11.922 min Scan# 1137  
Delta R.T. -0.008 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

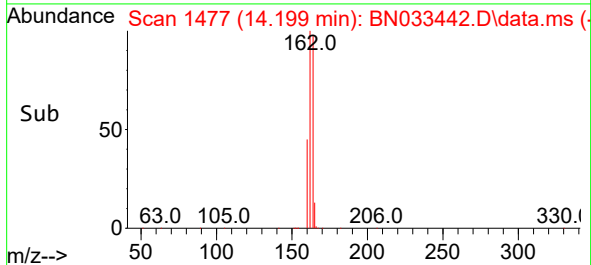
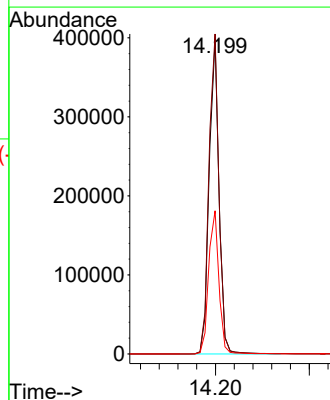
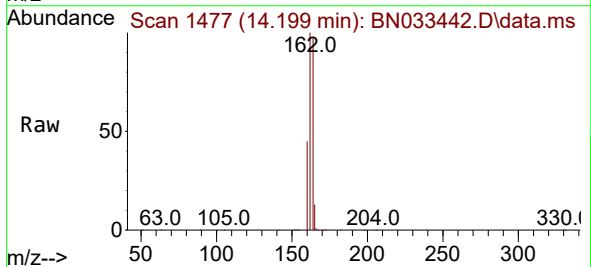
Instrument :  
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ClientSampleId :  
919-J-WP0-0.25-080224

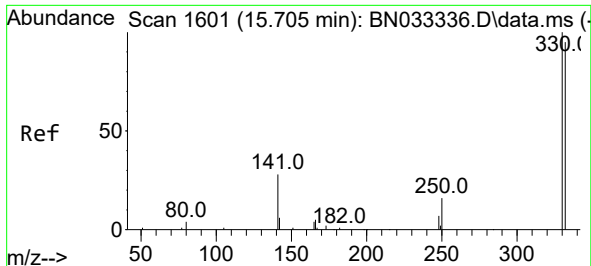
Tgt Ion:152 Resp: 4  
Ion Ratio Lower Upper  
152 100  
151 0.0 16.7 25.1#



#13  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.199 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

Tgt Ion:164 Resp: 578544  
Ion Ratio Lower Upper  
164 100  
162 101.9 83.1 124.7  
160 45.6 41.1 61.7

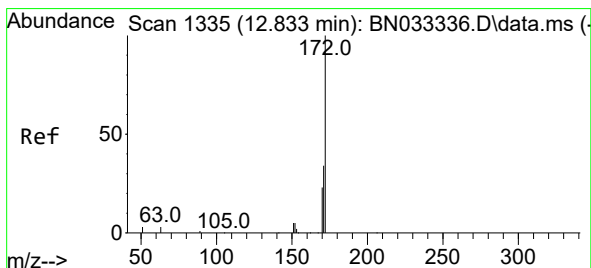
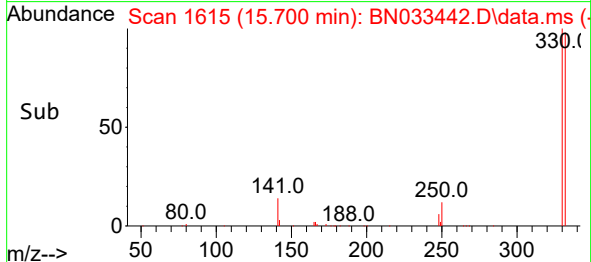
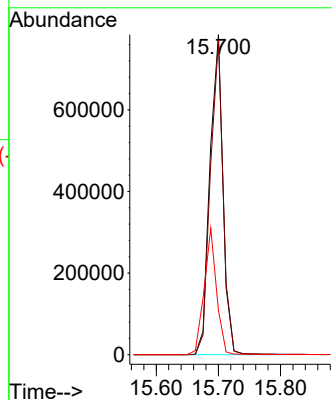
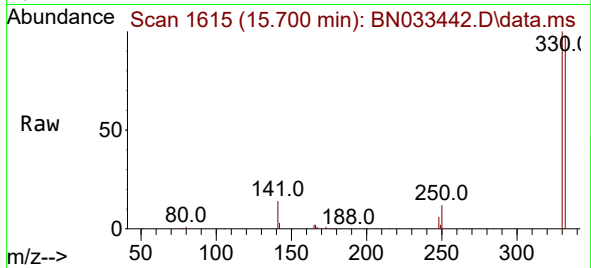




#14  
2,4,6-Tribromophenol  
Concen: 193.156 ng  
RT: 15.700 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

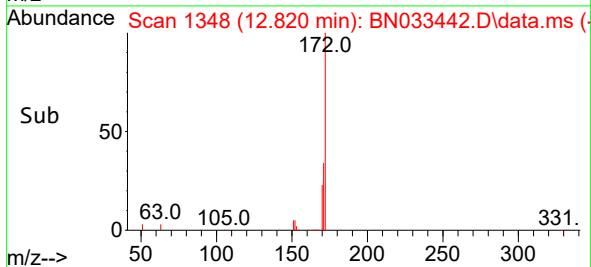
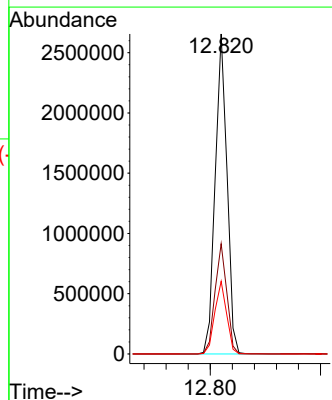
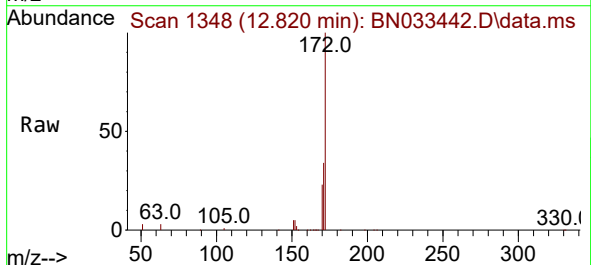
Instrument :  
BNA\_N  
ClientSampleId :  
919-J-WP0-0.25-080224

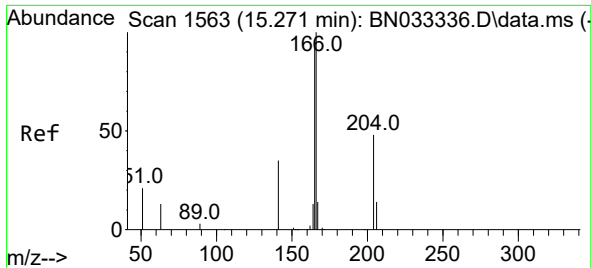
Tgt Ion:330 Resp: 1146673  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.1 115.7  
141 37.6 33.4 50.0



#15  
2-Fluorobiphenyl  
Concen: 83.310 ng  
RT: 12.820 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

Tgt Ion:172 Resp: 3951536  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.8  
170 22.7 18.7 28.1

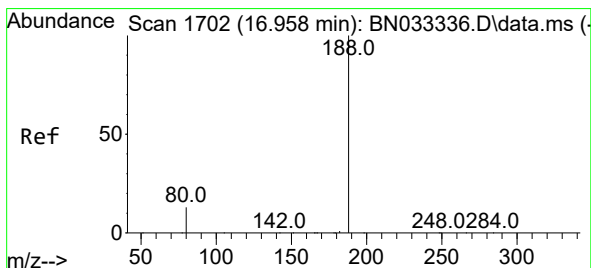
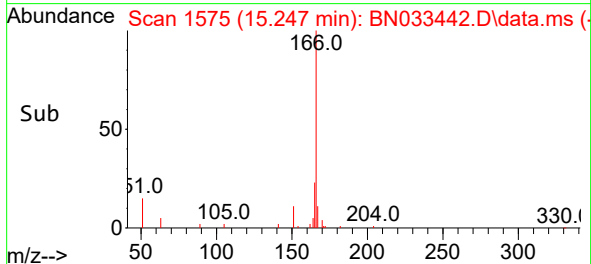
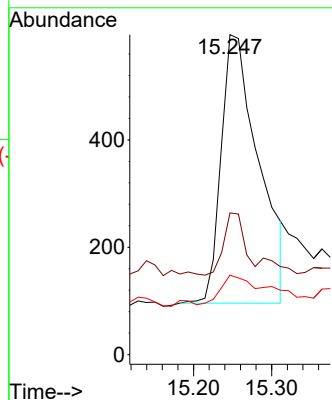
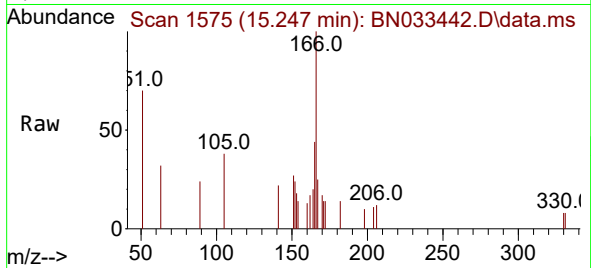




#18  
 Fluorene  
 Concen: 0.034 ng  
 RT: 15.247 min Scan# 11  
 Delta R.T. -0.011 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

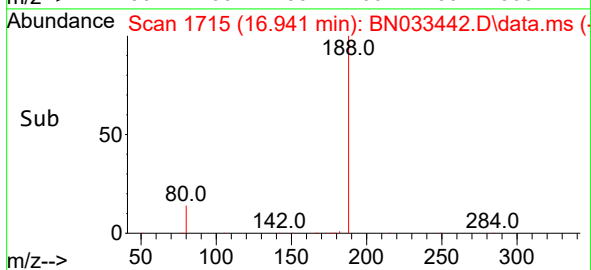
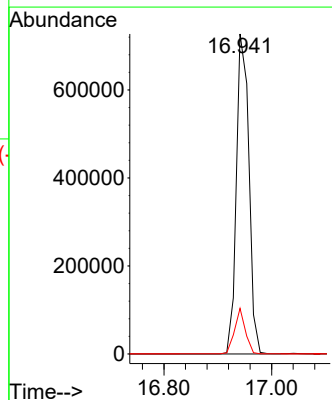
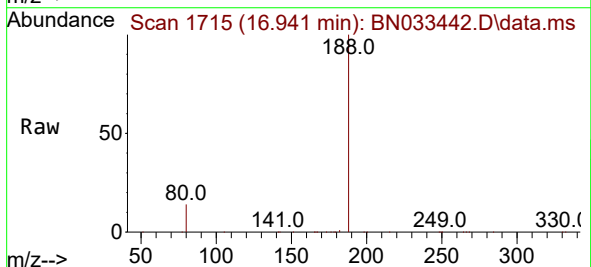
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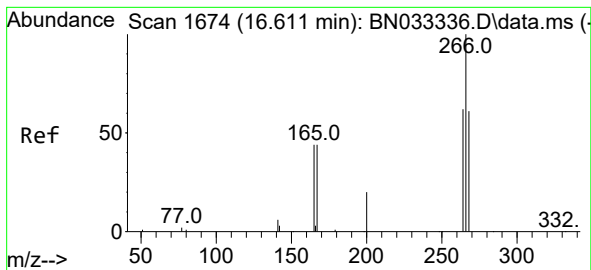
Tgt Ion:166 Resp: 1672  
 Ion Ratio Lower Upper  
 166 100  
 165 12.7 78.0 117.0#  
 167 12.1 10.7 16.1



#19  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.941 min Scan# 1715  
 Delta R.T. -0.013 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

Tgt Ion:188 Resp: 1167264  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 14.2 10.7 16.1





#24

Pentachlorophenol

Concen: 2.465 ng

RT: 16.606 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033442.D

Acq: 16 Aug 2024 22:04

Instrument :

BNA\_N

ClientSampleId :

919-J-WP0-0.25-080224

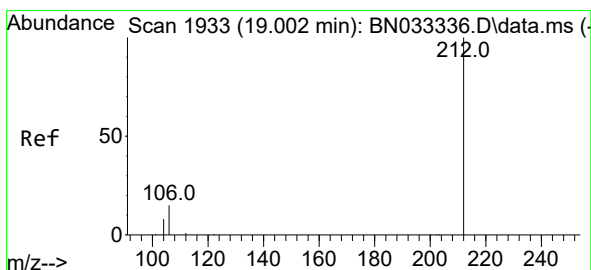
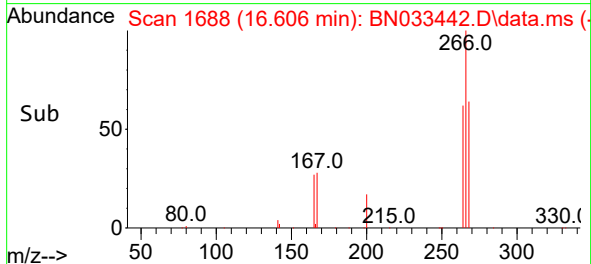
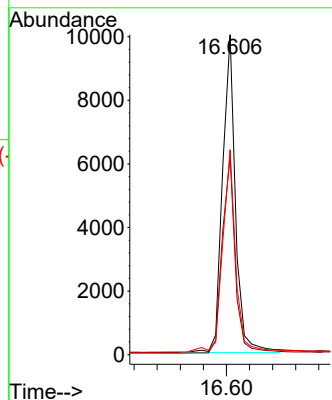
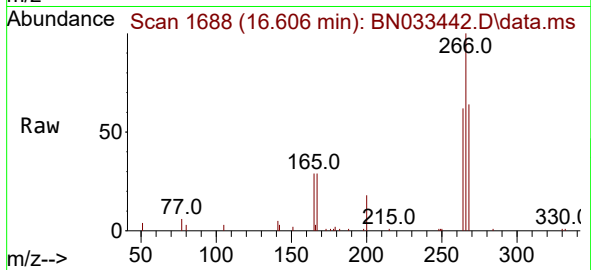
Tgt Ion:266 Resp: 15603

Ion Ratio Lower Upper

266 100

264 61.9 49.2 73.8

268 63.4 51.2 76.8



#27

Fluoranthene-d10

Concen: 0.002 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.010 min

Lab File: BN033442.D

Acq: 16 Aug 2024 22:04

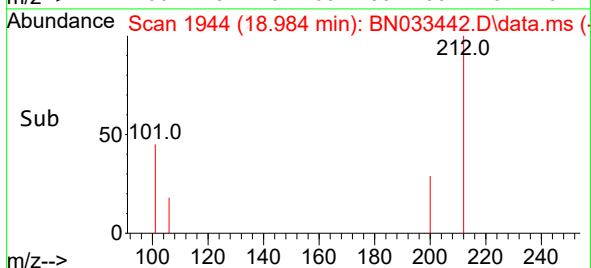
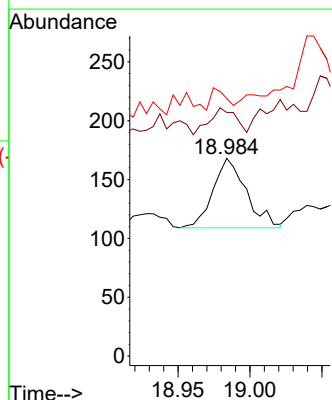
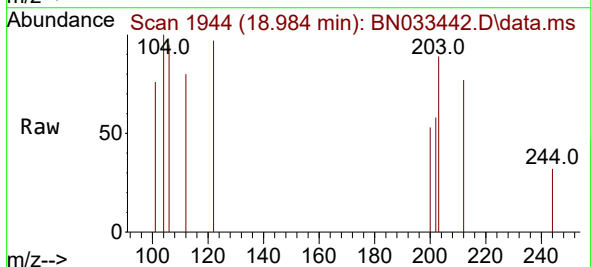
Tgt Ion:212 Resp: 95

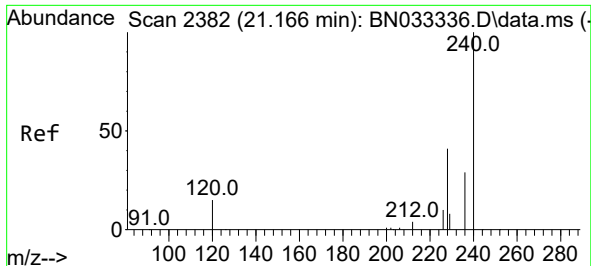
Ion Ratio Lower Upper

212 100

106 30.5 12.8 19.2#

104 10.5 7.1 10.7

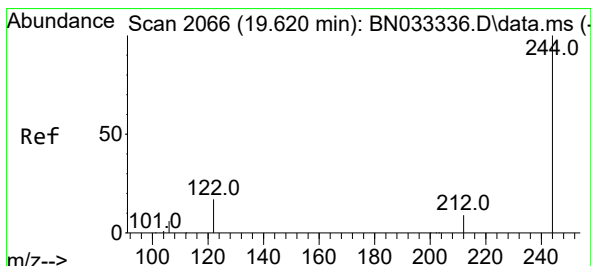
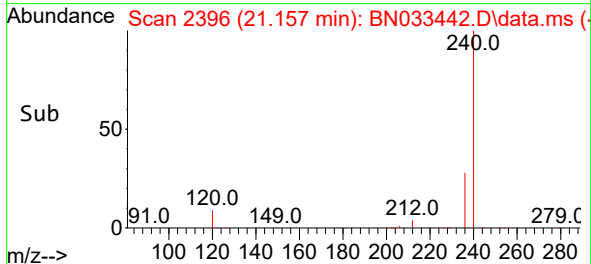
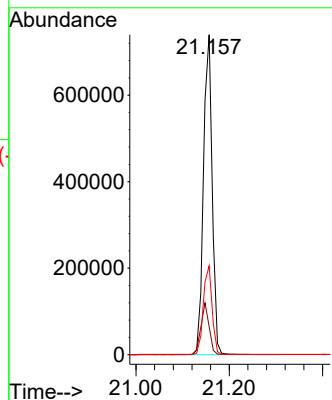
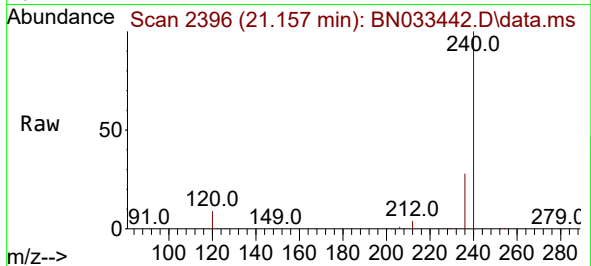




#29  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.157 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

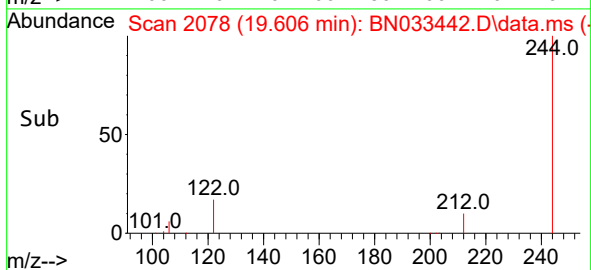
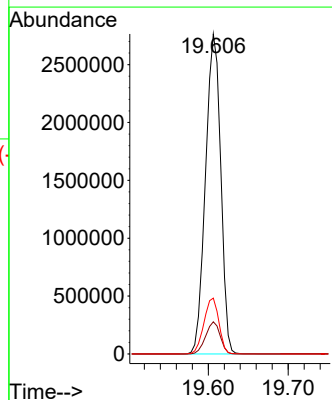
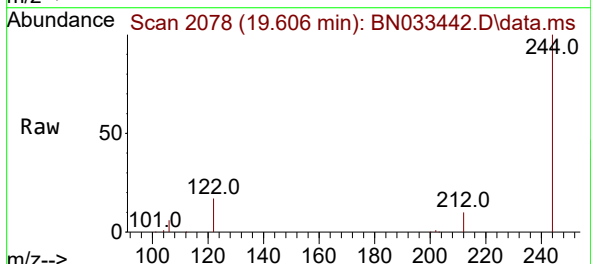
Instrument :  
BNA\_N  
ClientSampleId :  
919-J-WP0-0.25-080224

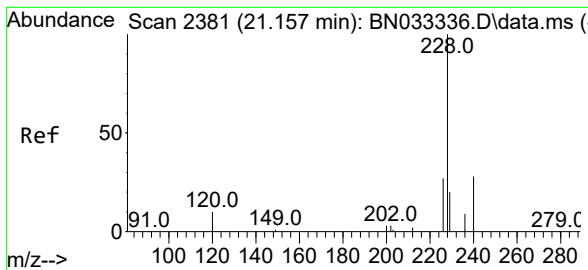
Tgt Ion:240 Resp: 962255  
Ion Ratio Lower Upper  
240 100  
120 8.7 13.0 19.6#  
236 27.8 23.2 34.8



#31  
Terphenyl-d14  
Concen: 100.492 ng  
RT: 19.606 min Scan# 2078  
Delta R.T. -0.000 min  
Lab File: BN033442.D  
Acq: 16 Aug 2024 22:04

Tgt Ion:244 Resp: 3653696  
Ion Ratio Lower Upper  
244 100  
212 10.1 7.7 11.5  
122 17.4 14.0 21.0

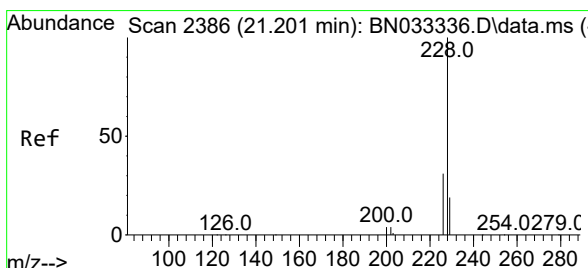
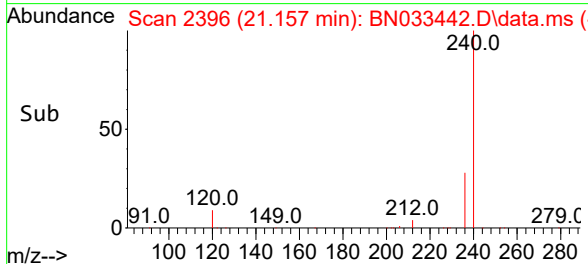
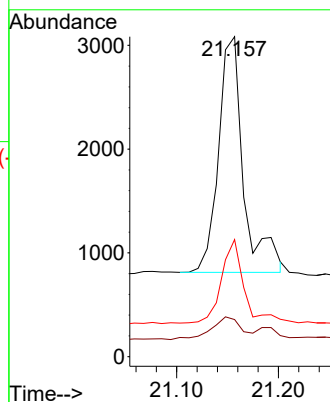
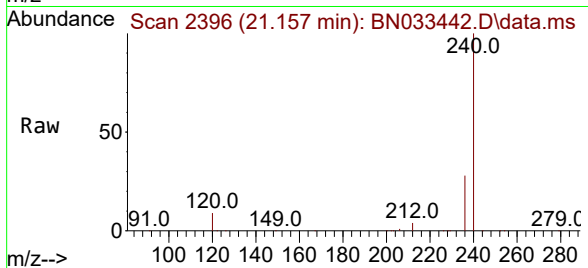




#32  
 Benzo(a)anthracene  
 Concen: 0.054 ng  
 RT: 21.157 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

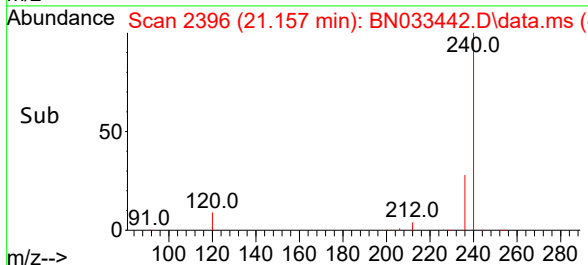
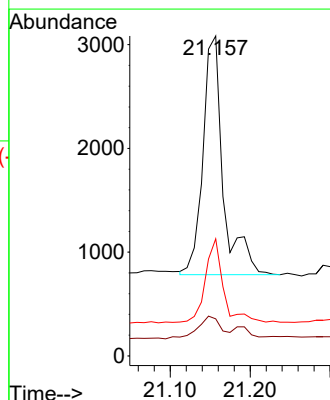
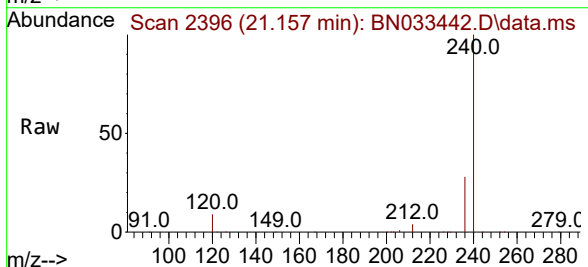
Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-WP0-0.25-080224

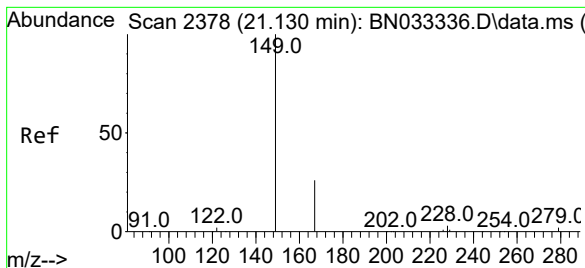
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 3876  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 11.6  | 21.6  | 32.4# |
| 229       | 36.6  | 15.9  | 23.9# |



#33  
 Chrysene  
 Concen: 0.056 ng  
 RT: 21.157 min Scan# 2396  
 Delta R.T. -0.036 min  
 Lab File: BN033442.D  
 Acq: 16 Aug 2024 22:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 4060  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 11.6  | 24.7  | 37.1# |
| 229       | 36.6  | 15.4  | 23.2# |





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.103 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033442.D

Acq: 16 Aug 2024 22:04

Instrument :

BNA\_N

ClientSampleId :

919-J-WP0-0.25-080224

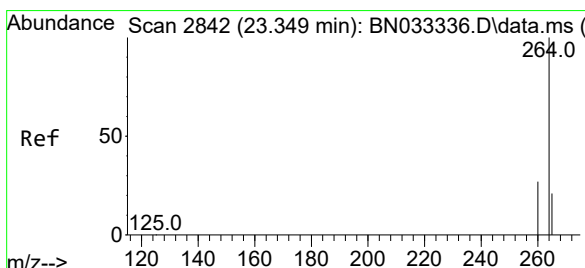
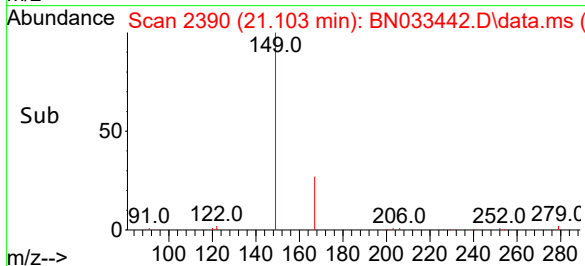
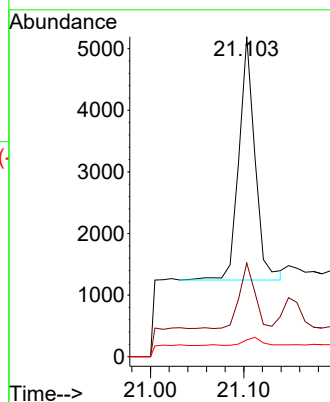
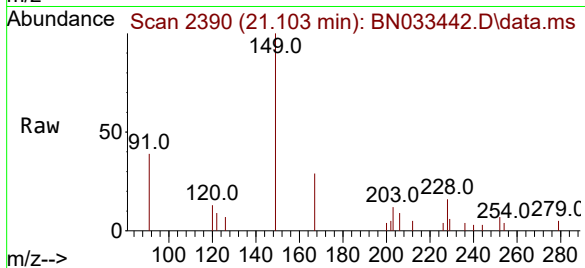
Tgt Ion:149 Resp: 4730

Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

279 3.4 2.2 3.4#



#35

Perylene-d12

Concen: 20.000 ng

RT: 23.326 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BN033442.D

Acq: 16 Aug 2024 22:04

Tgt Ion:264 Resp: 1027396

Ion Ratio Lower Upper

264 100

260 26.1 21.6 32.4

265 22.1 29.3 43.9#

