

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030044.D  
 Acq On : 26 Feb 2024 00:30  
 Operator : MA/JU  
 Sample : P1507-09DL 2X  
 Misc :  
 ALS Vial : 95 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20240214DL

Quant Time: Feb 26 02:54:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

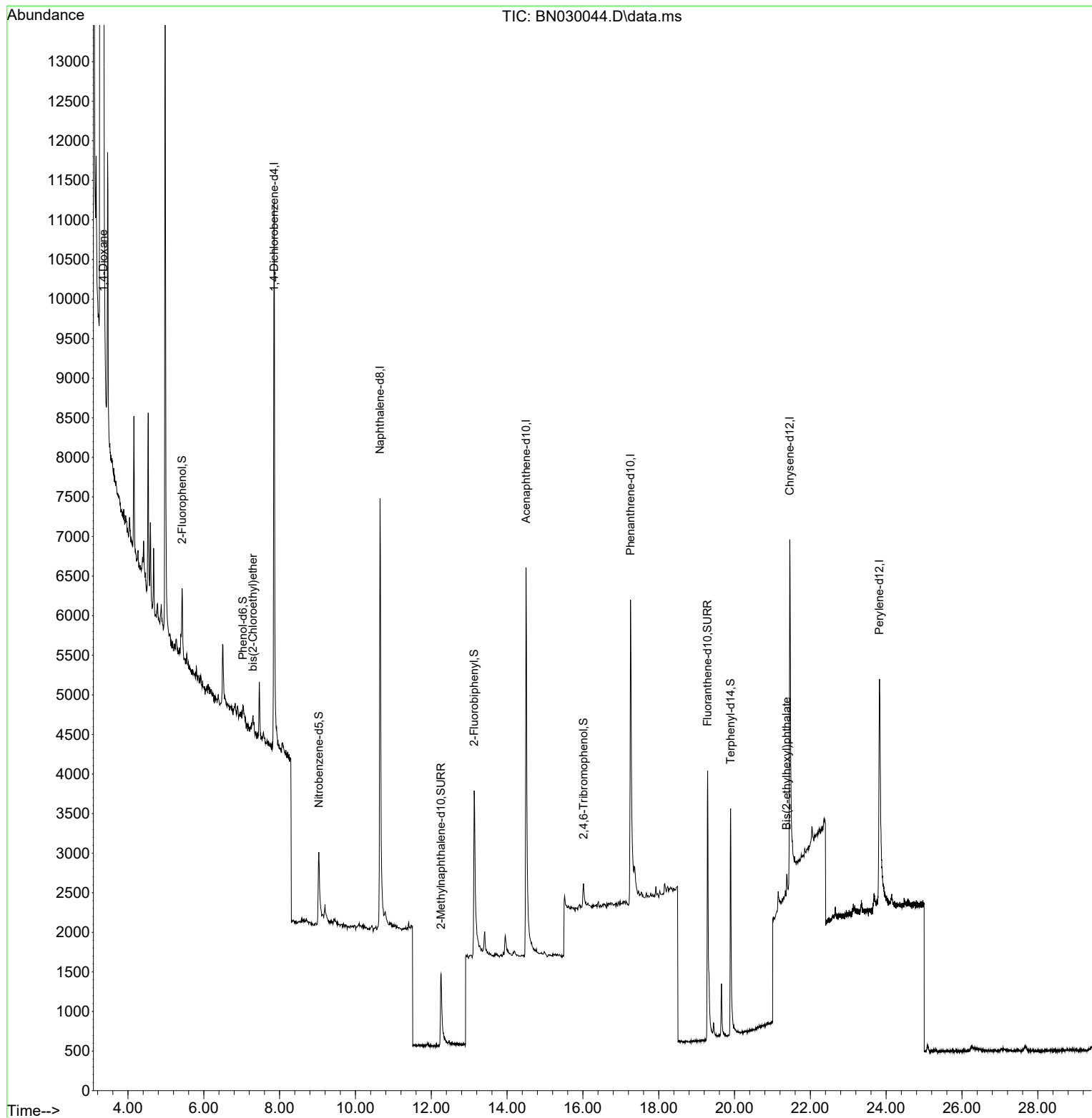
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3884     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.648 | 136  | 9758     | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.500 | 164  | 4448     | 0.400 | ng    | 0.01      |
| 19) Phenanthrene-d10          | 17.255 | 188  | 8531     | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.456 | 240  | 7197     | 0.400 | ng    | 0.00      |
| 35) Perylene-d12              | 23.823 | 264  | 6503     | 0.400 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.428  | 112  | 729      | 0.078 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.031  | 99   | 393      | 0.037 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.035  | 82   | 1490     | 0.183 | ng    | 0.02      |
| 11) 2-Methylnaphthalene-d10   | 12.257 | 152  | 2410     | 0.181 | ng    | 0.01      |
| 14) 2,4,6-Tribromophenol      | 16.014 | 330  | 311      | 0.218 | ng    | 0.01      |
| 15) 2-Fluorobiphenyl          | 13.132 | 172  | 3240     | 0.170 | ng    | 0.01      |
| 27) Fluoranthene-d10          | 19.290 | 212  | 5488     | 0.266 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.898 | 244  | 4196     | 0.235 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.348  | 88   | 15424    | 2.821 | ng    | Qvalue 95 |
| 6) bis(2-Chloroethyl)ether    | 7.298  | 93   | 216      | 0.021 | ng    | # 82      |
| 34) Bis(2-ethylhexyl)phtha... | 21.376 | 149  | 502      | 0.030 | ng    | # 86      |
| -----                         |        |      |          |       |       |           |

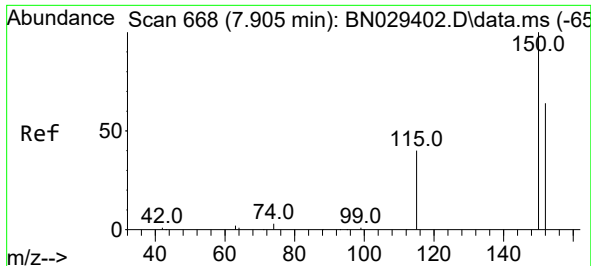
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
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Instrument :  
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RE132D6-20240214DL

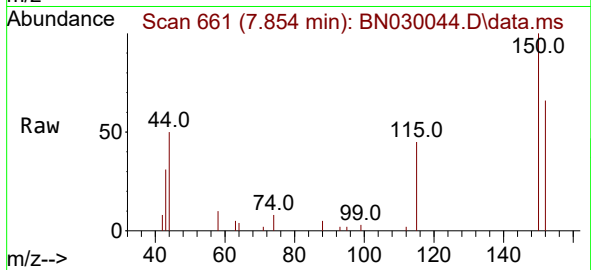
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 26 02:39:45 2024  
Response via : Initial Calibration



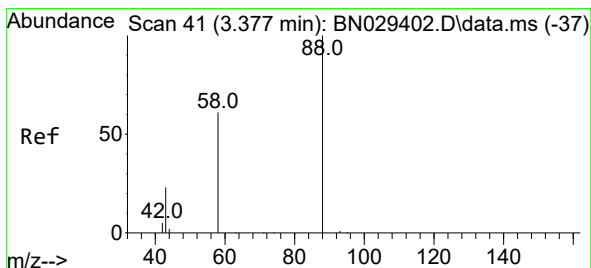
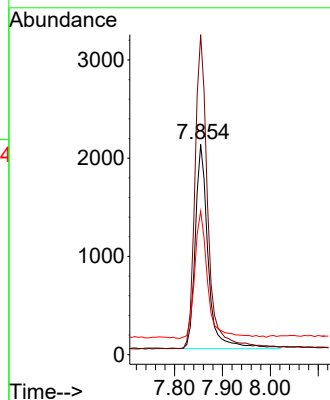
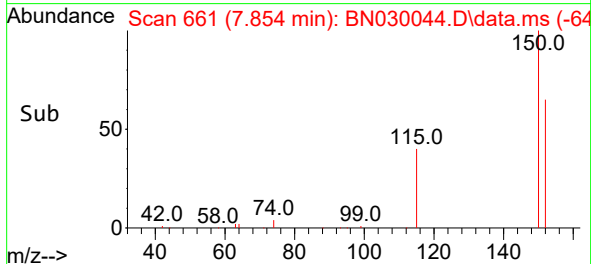


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN030044.D  
 Acq: 26 Feb 2024 00:30

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20240214DL

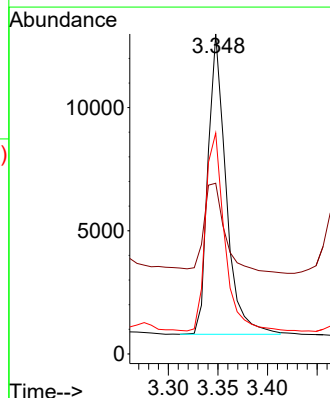
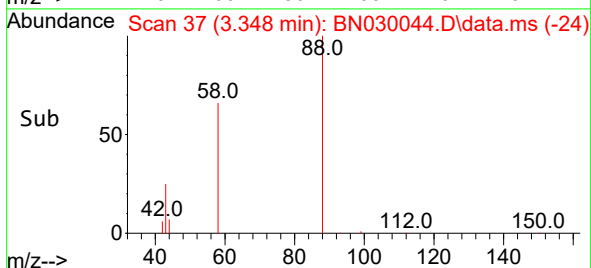
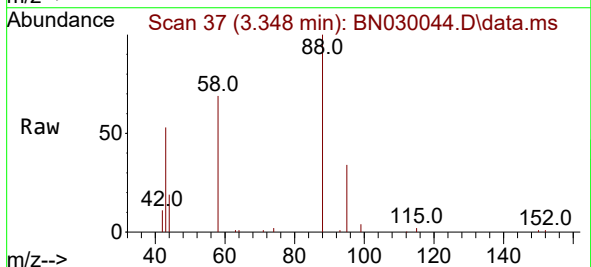


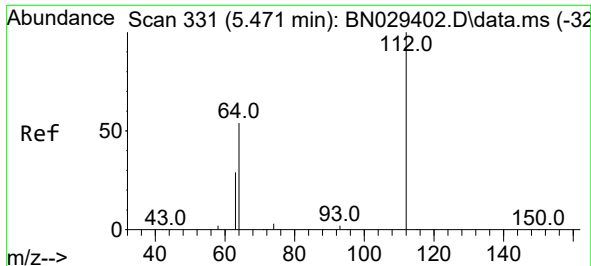
Tgt Ion:152 Resp: 3884  
 Ion Ratio Lower Upper  
 152 100  
 150 152.2 123.0 184.4  
 115 68.4 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 2.821 ng  
 RT: 3.348 min Scan# 37  
 Delta R.T. -0.007 min  
 Lab File: BN030044.D  
 Acq: 26 Feb 2024 00:30

Tgt Ion: 88 Resp: 15424  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 23.3 34.9  
 58 69.5 53.8 80.6

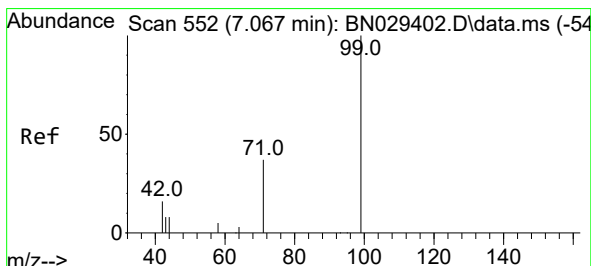
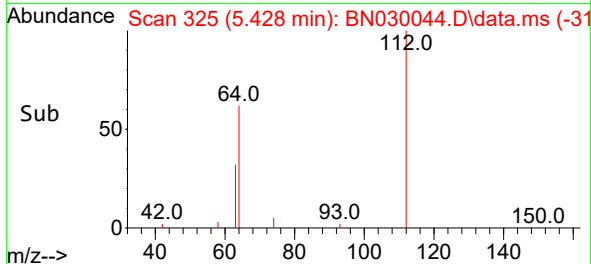
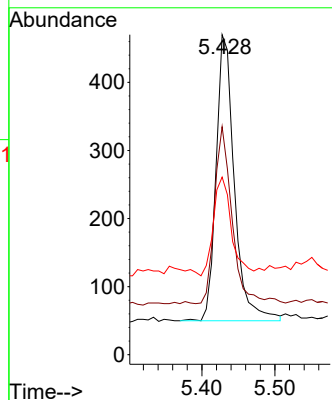
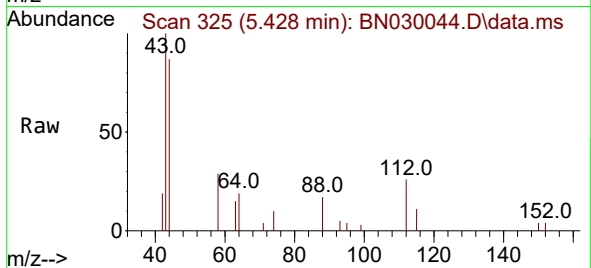




#4  
2-Fluorophenol  
Concen: 0.078 ng  
RT: 5.428 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

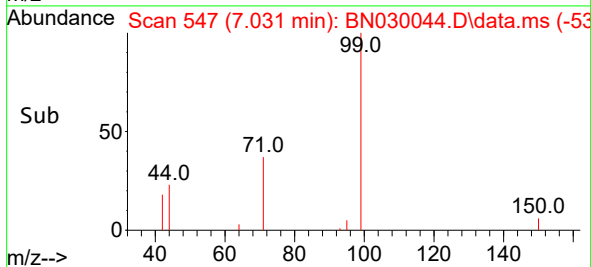
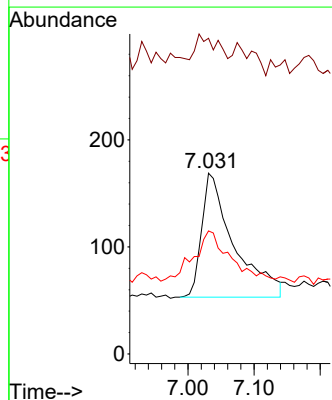
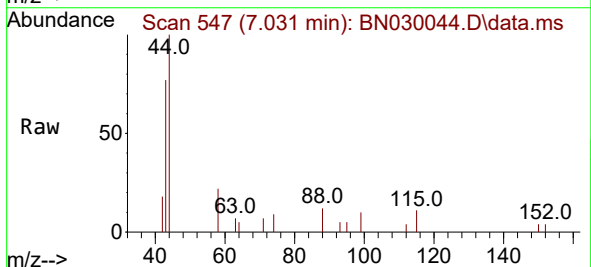
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ClientSampleId :  
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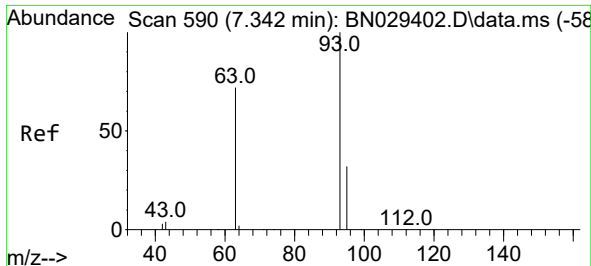
Tgt Ion:112 Resp: 729  
Ion Ratio Lower Upper  
112 100  
64 59.5 47.2 70.8  
63 33.9 25.8 38.6



#5  
Phenol-d6  
Concen: 0.037 ng  
RT: 7.031 min Scan# 547  
Delta R.T. 0.007 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Tgt Ion: 99 Resp: 393  
Ion Ratio Lower Upper  
99 100  
42 15.0 16.9 25.3#  
71 45.3 30.0 45.0#

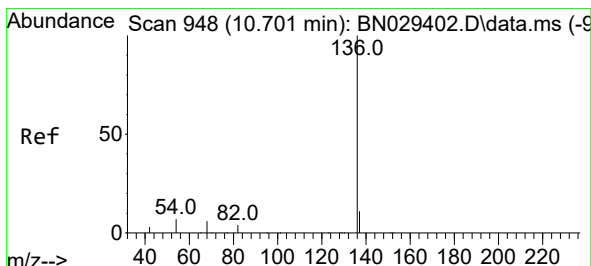
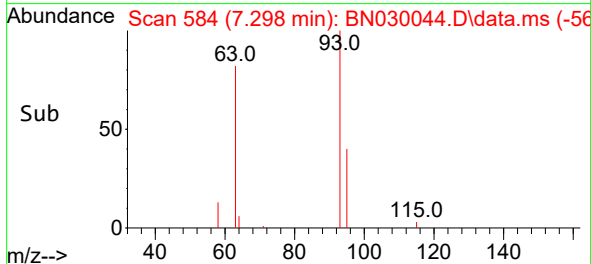
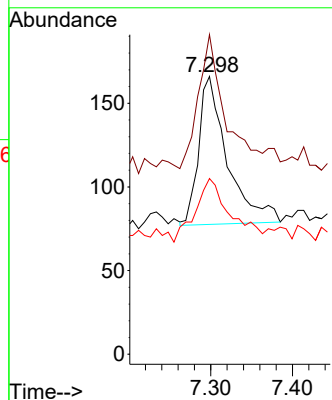
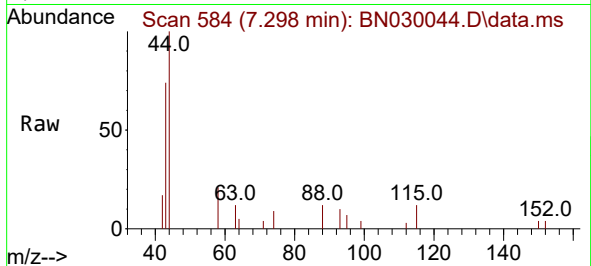




#6  
bis(2-Chloroethyl)ether  
Concen: 0.021 ng  
RT: 7.298 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

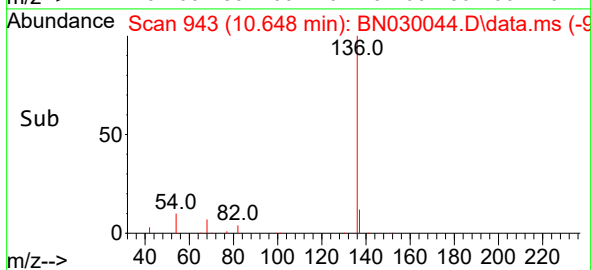
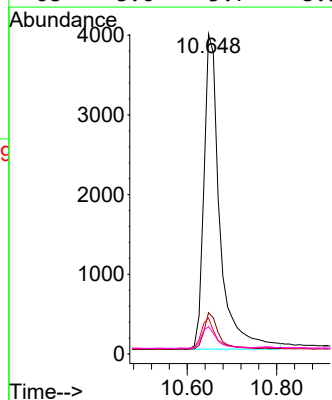
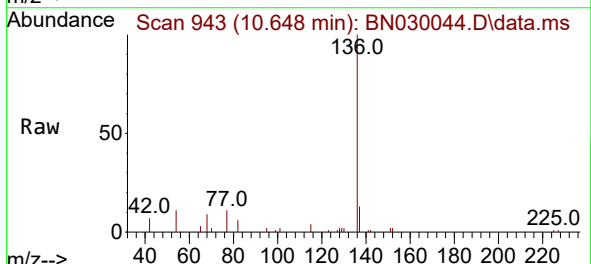
Instrument :  
BNA\_N  
ClientSampleId :  
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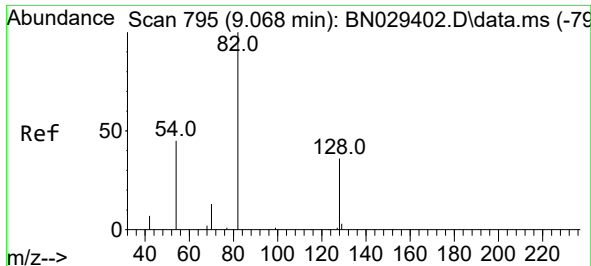
Tgt Ion: 93 Resp: 216  
Ion Ratio Lower Upper  
93 100  
63 88.4 63.1 94.7  
95 52.8 27.1 40.7#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Tgt Ion:136 Resp: 9758  
Ion Ratio Lower Upper  
136 100  
137 12.9 9.7 14.5  
54 11.3 6.6 10.0#  
68 8.6 5.7 8.5#

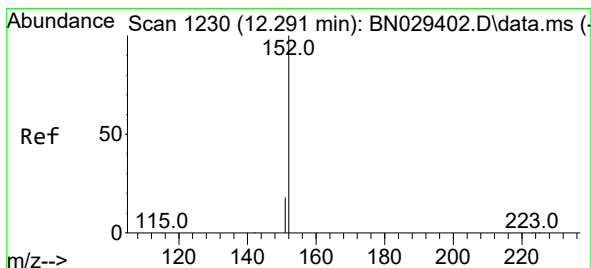
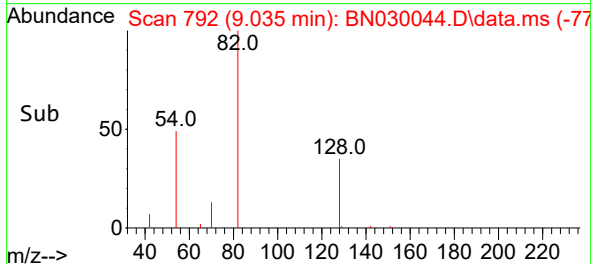
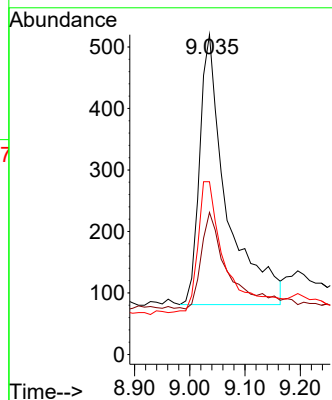
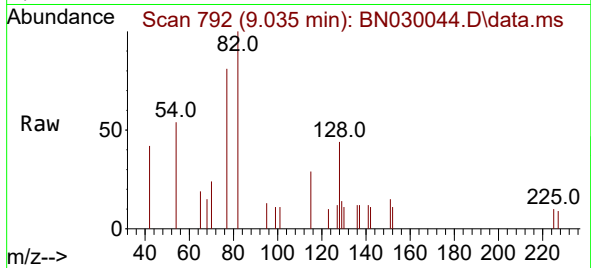




#8  
Nitrobenzene-d5  
Concen: 0.183 ng  
RT: 9.035 min Scan# 795  
Delta R.T. 0.021 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

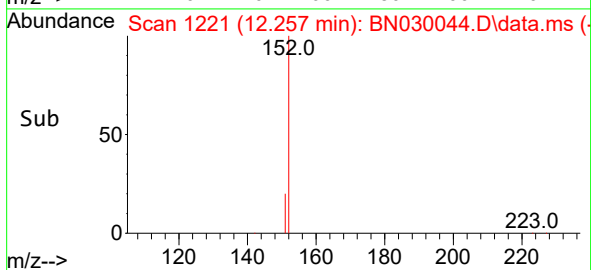
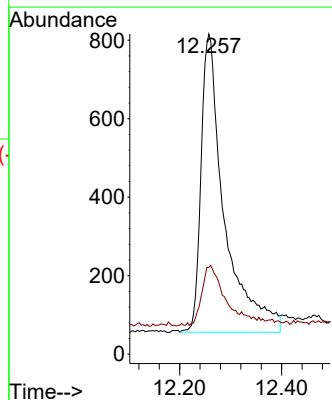
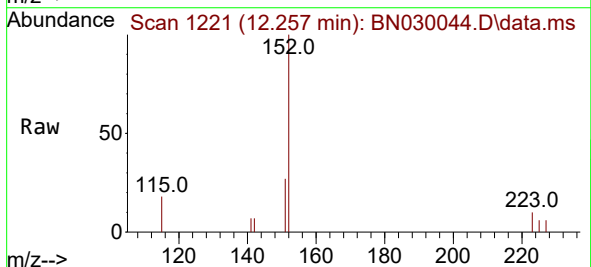
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214DL

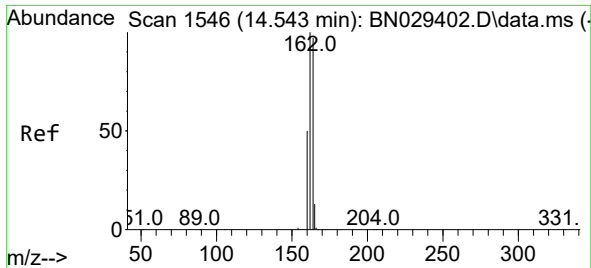
Tgt Ion: 82 Resp: 1490  
Ion Ratio Lower Upper  
82 100  
128 44.4 31.6 47.4  
54 54.0 38.2 57.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.181 ng  
RT: 12.257 min Scan# 1221  
Delta R.T. 0.011 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Tgt Ion: 152 Resp: 2410  
Ion Ratio Lower Upper  
152 100  
151 18.5 17.1 25.7

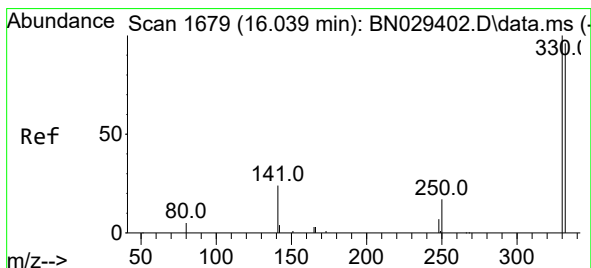
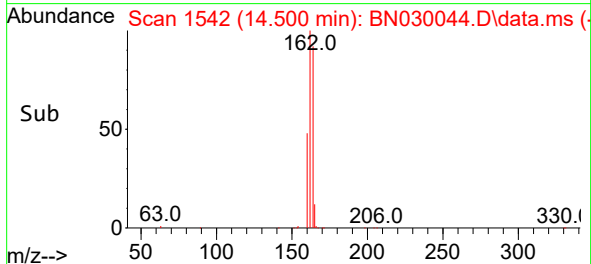
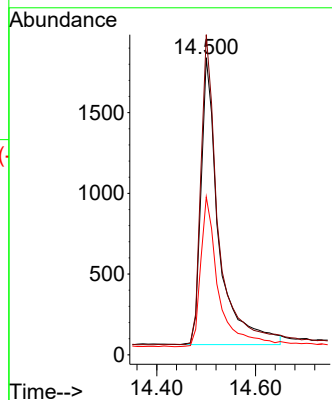
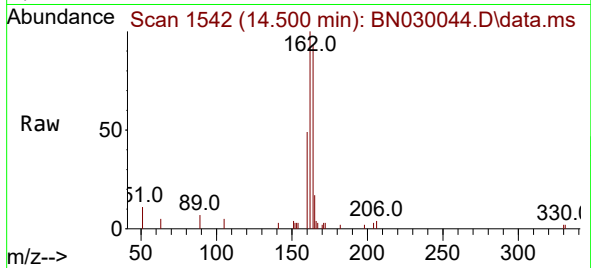




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.500 min Scan# 1542  
Delta R.T. 0.011 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

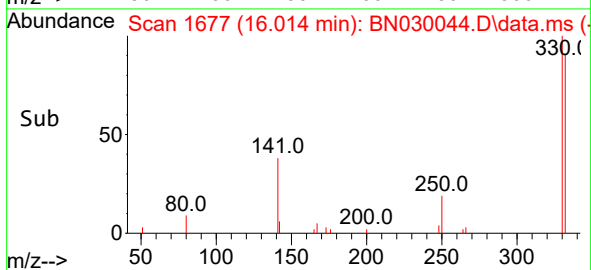
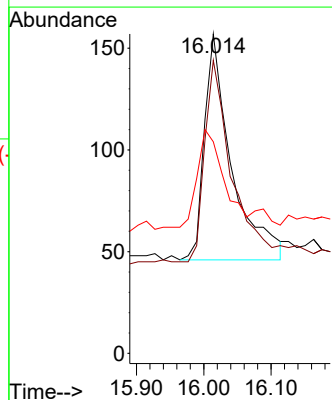
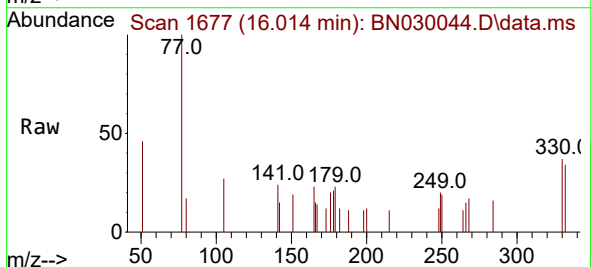
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ClientSampleId :  
RE132D6-20240214DL

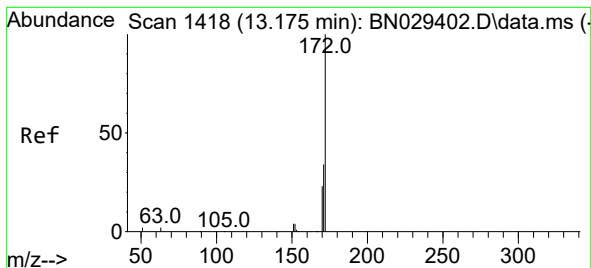
Tgt Ion:164 Resp: 4448  
Ion Ratio Lower Upper  
164 100  
162 107.8 82.6 123.8  
160 53.2 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.218 ng  
RT: 16.014 min Scan# 1677  
Delta R.T. 0.013 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Tgt Ion:330 Resp: 311  
Ion Ratio Lower Upper  
330 100  
332 88.7 76.0 114.0  
141 46.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.170 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN030044.D

Acq: 26 Feb 2024 00:30

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20240214DL

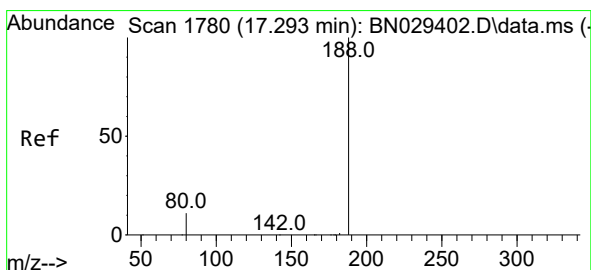
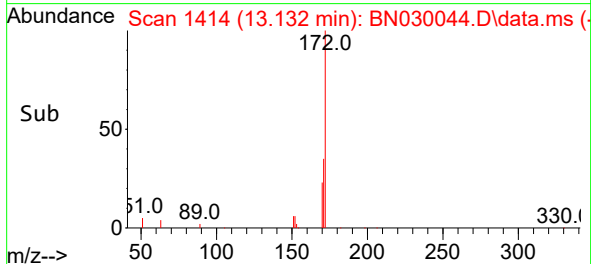
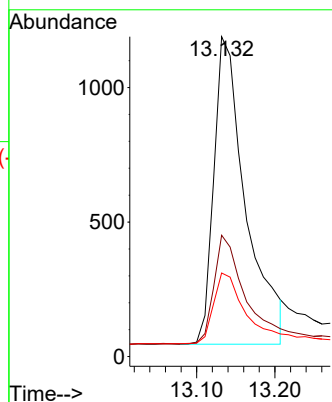
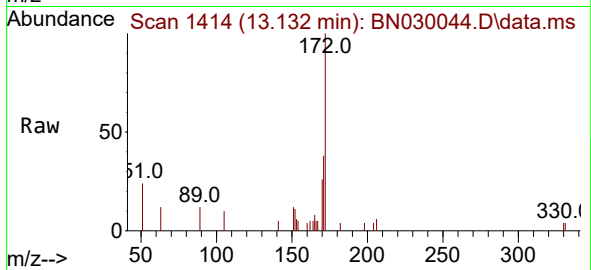
Tgt Ion:172 Resp: 3240

Ion Ratio Lower Upper

172 100

171 37.9 28.0 42.0

170 26.2 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN030044.D

Acq: 26 Feb 2024 00:30

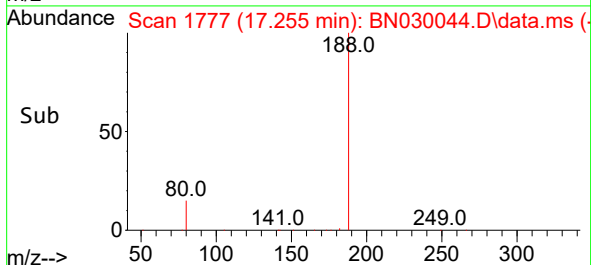
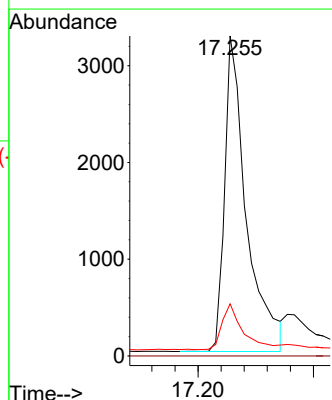
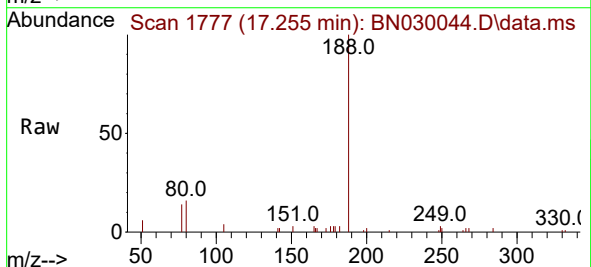
Tgt Ion:188 Resp: 8531

Ion Ratio Lower Upper

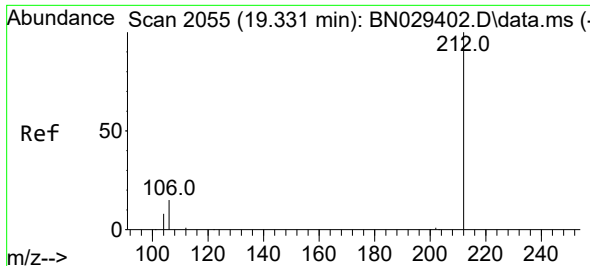
188 100

94 0.0 0.0 0.0

80 16.3 10.0 15.0#



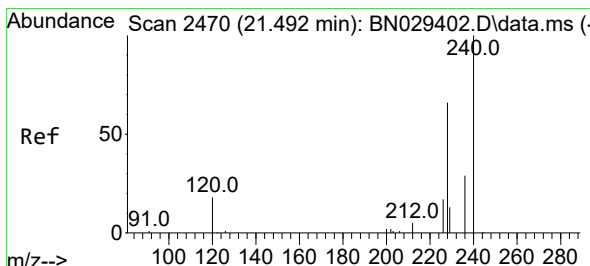
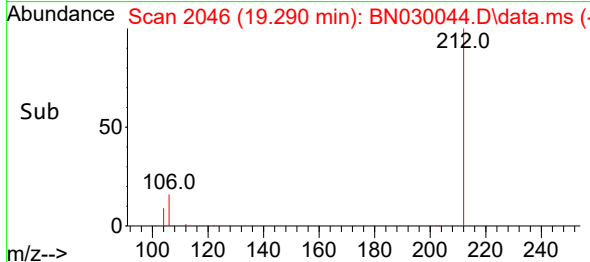
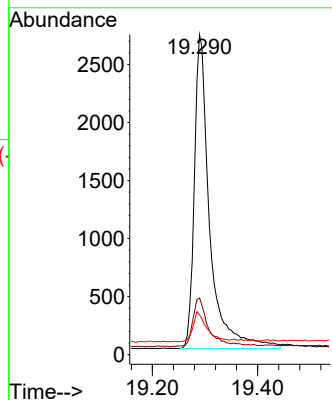
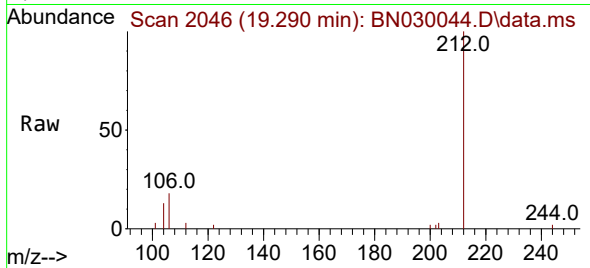




#27  
Fluoranthene-d10  
Concen: 0.266 ng  
RT: 19.290 min Scan# 2055  
Delta R.T. 0.000 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

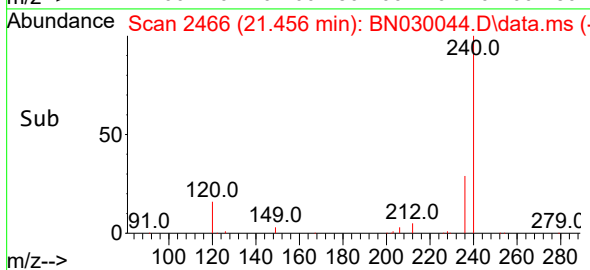
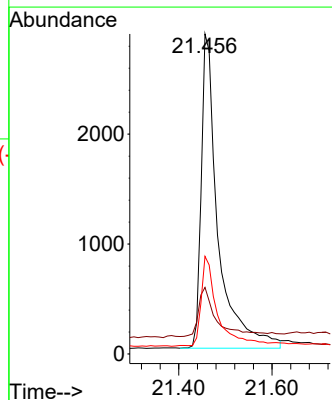
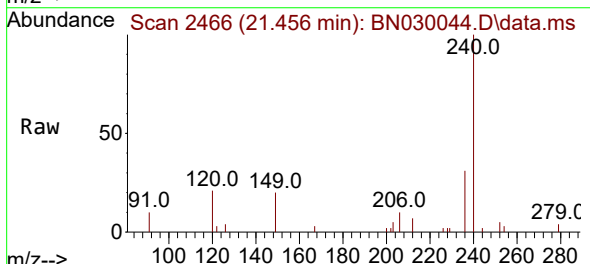
Instrument :  
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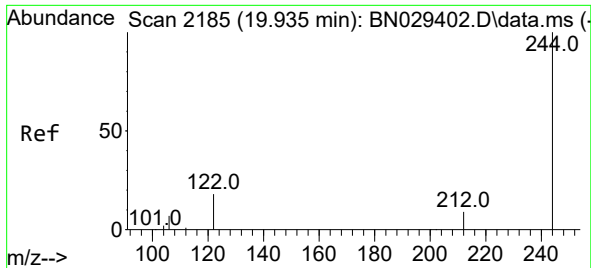
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Ion Ratio Lower Upper  
212 100  
106 16.2 13.2 19.8  
104 8.5 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.456 min Scan# 2466  
Delta R.T. 0.000 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Tgt Ion:240 Resp: 7197  
Ion Ratio Lower Upper  
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120 20.8 16.7 25.1  
236 30.5 23.9 35.9

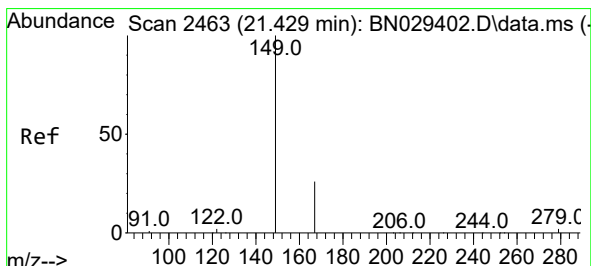
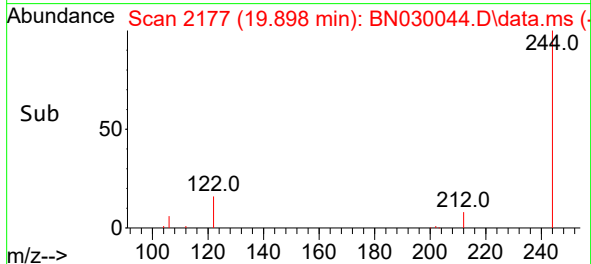
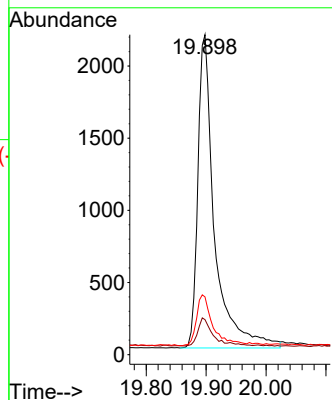
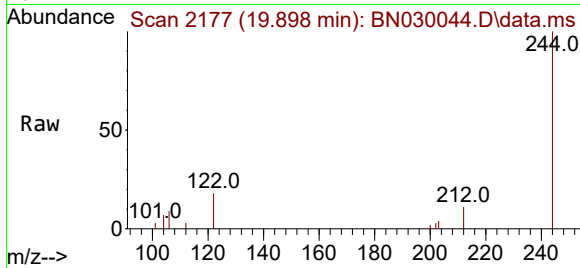




#31  
 Terphenyl-d14  
 Concen: 0.235 ng  
 RT: 19.898 min Scan# 2185  
 Delta R.T. 0.000 min  
 Lab File: BN030044.D  
 Acq: 26 Feb 2024 00:30

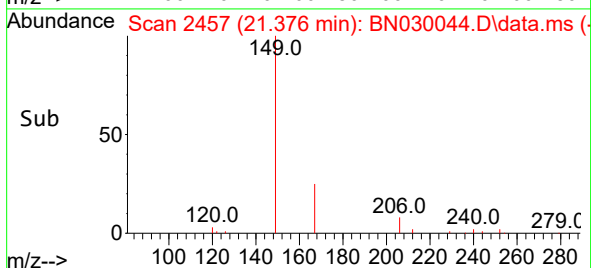
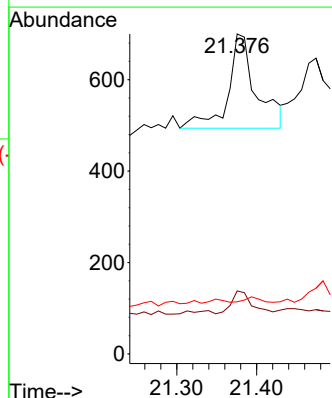
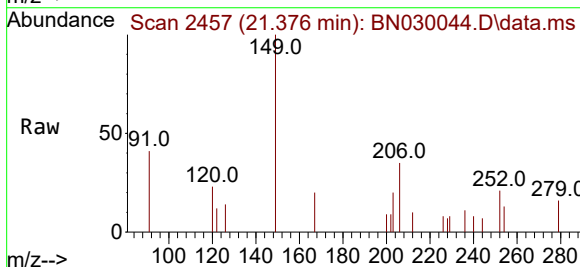
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20240214DL

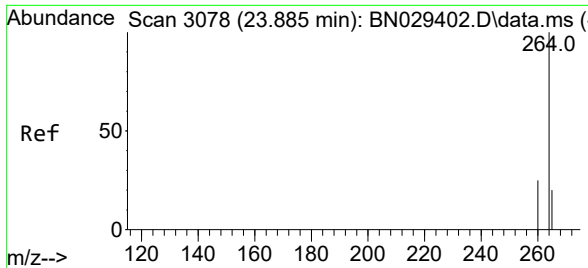
Tgt Ion:244 Resp: 4196  
 Ion Ratio Lower Upper  
 244 100  
 212 10.9 8.2 12.4  
 122 18.0 15.6 23.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.030 ng  
 RT: 21.376 min Scan# 2457  
 Delta R.T. -0.009 min  
 Lab File: BN030044.D  
 Acq: 26 Feb 2024 00:30

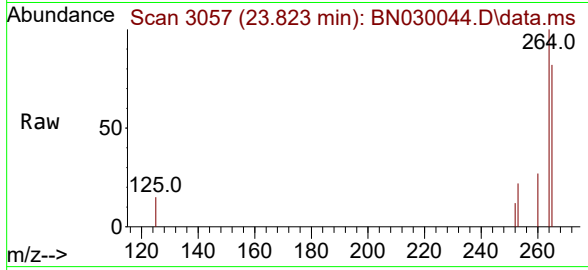
Tgt Ion:149 Resp: 502  
 Ion Ratio Lower Upper  
 149 100  
 167 17.1 20.1 30.1#  
 279 3.2 2.5 3.7





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.823 min Scan# 3078  
Delta R.T. 0.003 min  
Lab File: BN030044.D  
Acq: 26 Feb 2024 00:30

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20240214DL



Tgt Ion:264 Resp: 6503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 21.2  | 31.8  |
| 265 | 82.4  | 41.5  | 62.3  |

