

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092524\  
 Data File : BN034239.D  
 Acq On : 25 Sep 2024 23:47  
 Operator : RC/JU  
 Sample : P4164-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE135D1-20240920

Quant Time: Sep 26 04:32:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 03:57:12 2024  
 Response via : Initial Calibration

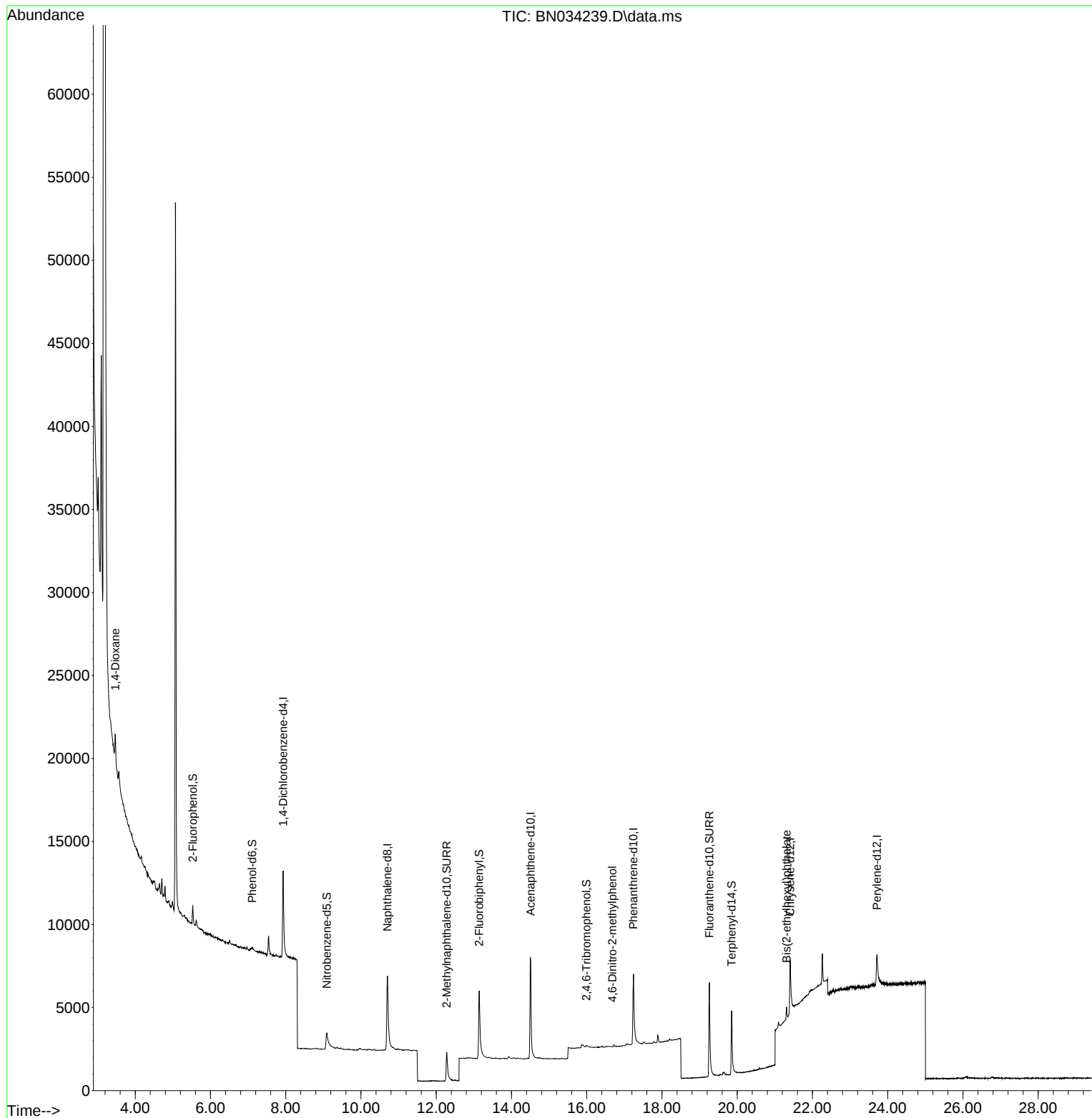
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 3723     | 0.400 | ng    | -0.04    |
| 7) Naphthalene-d8             | 10.703 | 136  | 9841     | 0.400 | ng    | #-0.04   |
| 13) Acenaphthene-d10          | 14.511 | 164  | 5151     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.243 | 188  | 9491     | 0.400 | ng    | #-0.04   |
| 29) Chrysene-d12              | 21.411 | 240  | 5396     | 0.400 | ng    | #-0.03   |
| 35) Perylene-d12              | 23.715 | 264  | 4398     | 0.400 | ng    | #-0.05   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.531  | 112  | 1048     | 0.099 | ng    | -0.04    |
| 5) Phenol-d6                  | 7.113  | 99   | 384      | 0.031 | ng    | -0.04    |
| 8) Nitrobenzene-d5            | 9.091  | 82   | 1967     | 0.261 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10   | 12.279 | 152  | 4045     | 0.278 | ng    | -0.05    |
| 14) 2,4,6-Tribromophenol      | 15.989 | 330  | 145      | 0.062 | ng    | -0.04    |
| 15) 2-Fluorobiphenyl          | 13.142 | 172  | 6379     | 0.304 | ng    | -0.04    |
| 27) Fluoranthene-d10          | 19.257 | 212  | 8841     | 0.369 | ng    | -0.04    |
| 31) Terphenyl-d14             | 19.851 | 244  | 5757     | 0.534 | ng    | -0.04    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.473  | 88   | 1900     | 0.408 | ng    | # 61     |
| 20) 4,6-Dinitro-2-methylph... | 16.684 | 198  | 1        | 0.138 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 924      | 0.130 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092524\  
Data File : BN034239.D  
Acq On : 25 Sep 2024 23:47  
Operator : RC/JU  
Sample : P4164-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

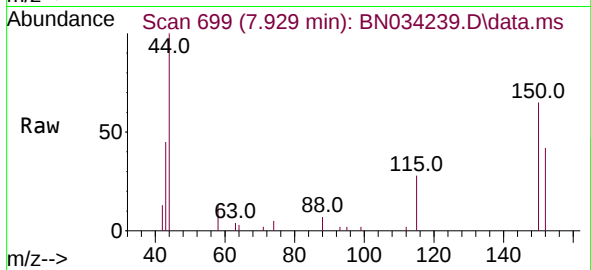
Quant Time: Sep 26 04:32:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 26 03:57:12 2024  
Response via : Initial Calibration



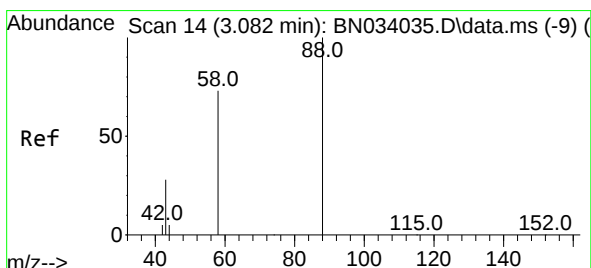
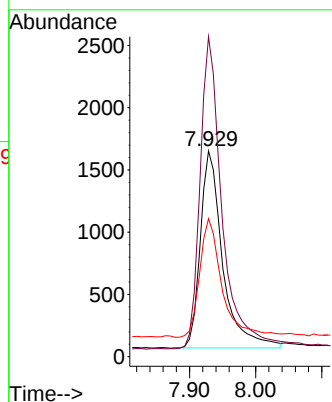
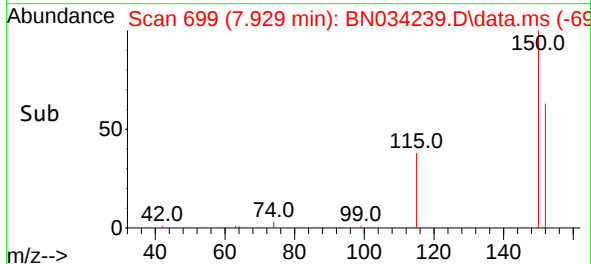


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.929 min Scan# 61  
Delta R.T. -0.043 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

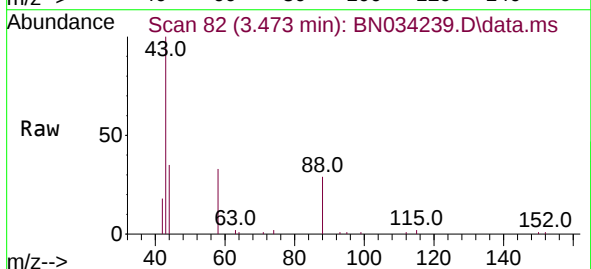
Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920



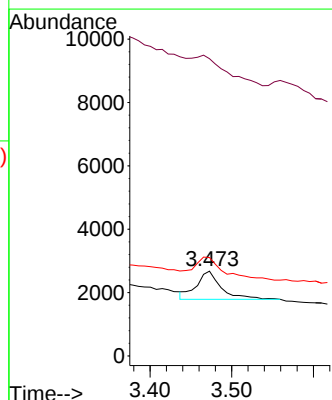
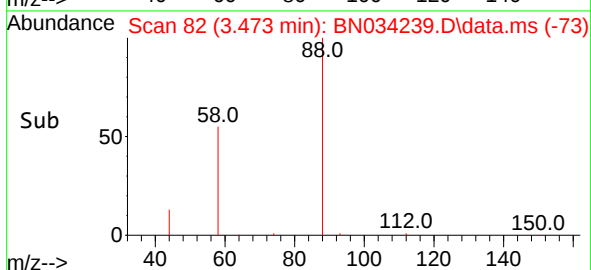
Tgt Ion:152 Resp: 3723  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.6 187.0  
115 67.1 50.0 75.0



#2  
1,4-Dioxane  
Concen: 0.408 ng  
RT: 3.473 min Scan# 82  
Delta R.T. -0.036 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47



Tgt Ion: 88 Resp: 1900  
Ion Ratio Lower Upper  
88 100  
43 0.0 25.8 38.8#  
58 99.6 58.8 88.2#

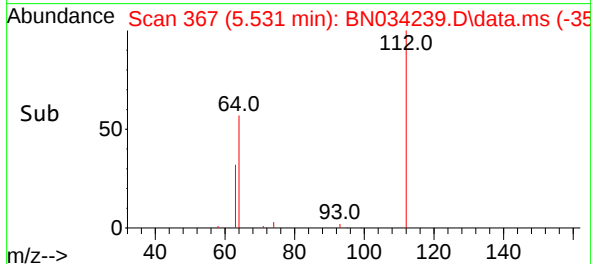
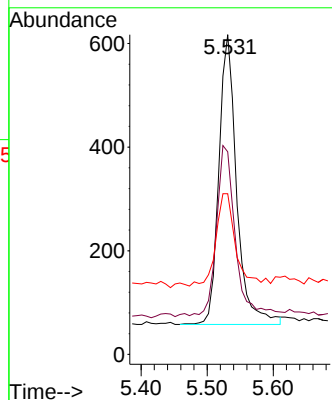
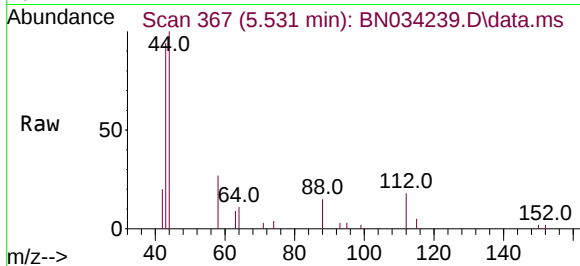




#4  
2-Fluorophenol  
Concen: 0.099 ng  
RT: 5.531 min Scan# 30  
Delta R.T. -0.043 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

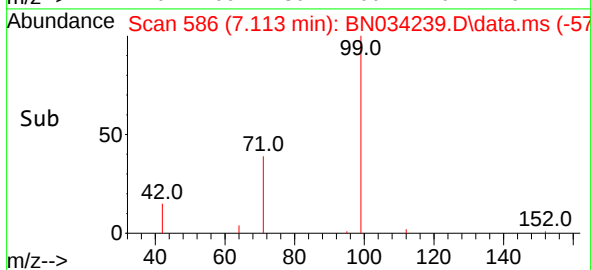
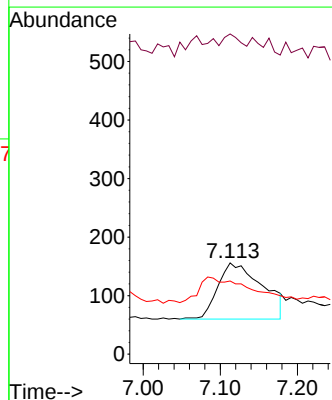
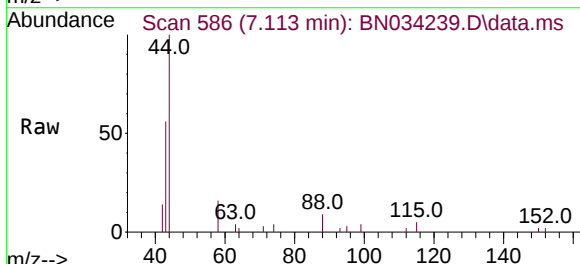
Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

Tgt Ion:112 Resp: 1048  
Ion Ratio Lower Upper  
112 100  
64 61.5 48.6 72.8  
63 34.4 25.6 38.4



#5  
Phenol-d6  
Concen: 0.031 ng  
RT: 7.113 min Scan# 586  
Delta R.T. -0.036 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Tgt Ion: 99 Resp: 384  
Ion Ratio Lower Upper  
99 100  
42 8.3 17.8 26.8#  
71 0.0 26.2 39.2#

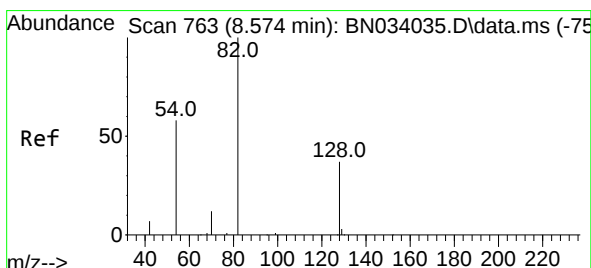
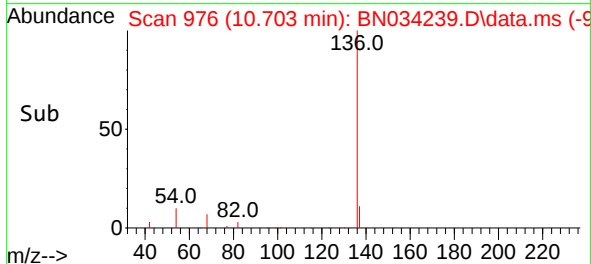
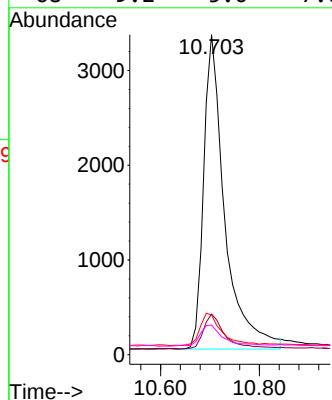
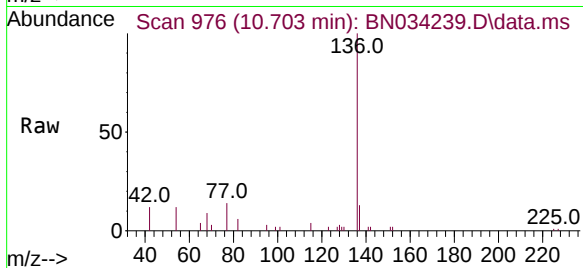




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.703 min Scan# 915  
Delta R.T. -0.043 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

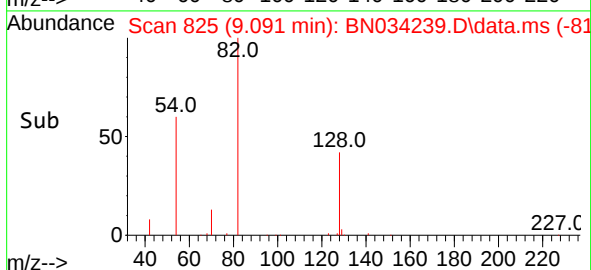
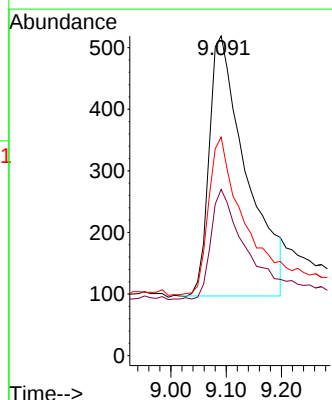
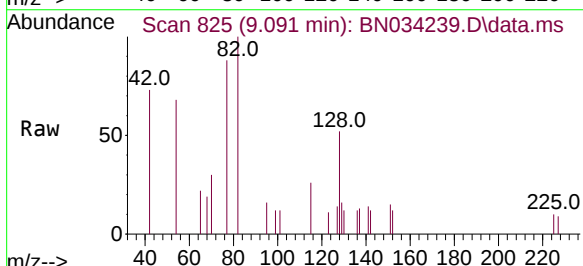
Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 9841  |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.7  | 9.0   | 13.6  |
| 54        | 12.4  | 6.8   | 10.2# |
| 68        | 9.2   | 5.0   | 7.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.261 ng  
RT: 9.091 min Scan# 825  
Delta R.T. -0.032 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 1967  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 52.0  | 31.4  | 47.2# |
| 54        | 68.4  | 47.4  | 71.0  |





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 12.279 min Scan# 11

Delta R.T. -0.045 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

Instrument :

BNA\_N

ClientSampleId :

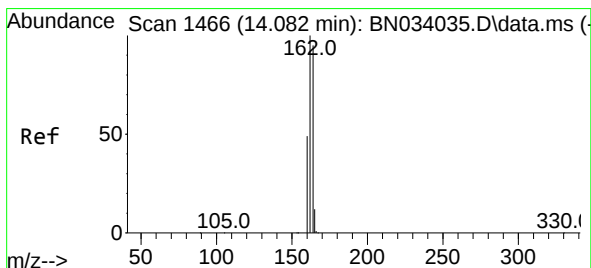
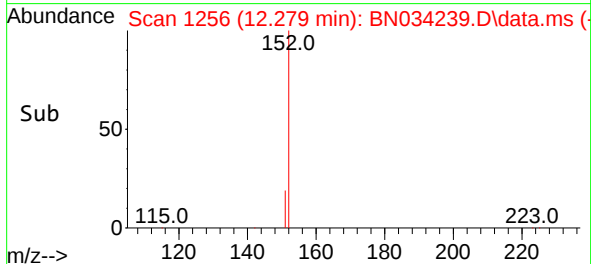
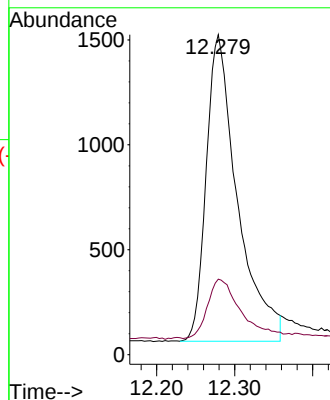
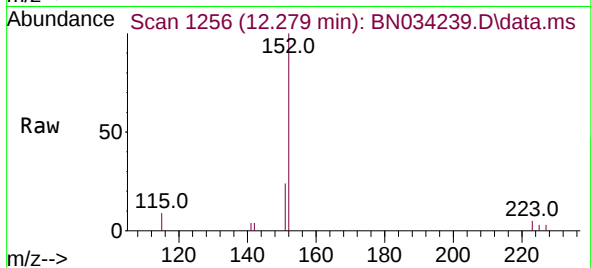
RE135D1-20240920

Tgt Ion:152 Resp: 4045

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.511 min Scan# 1521

Delta R.T. -0.032 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

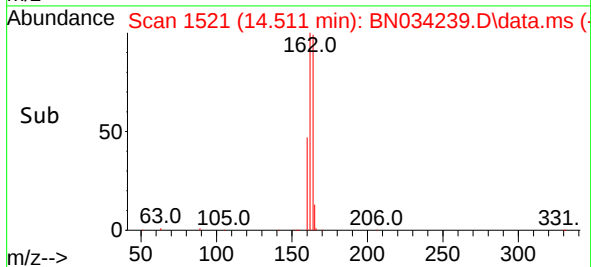
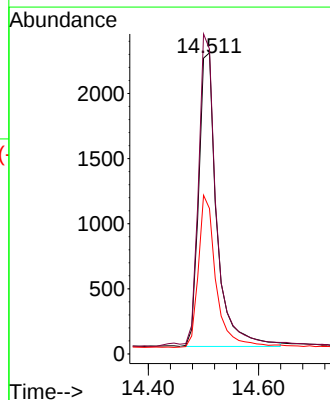
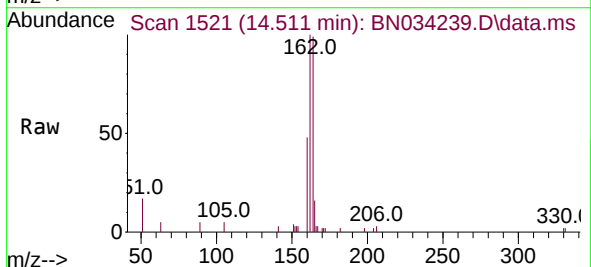
Tgt Ion:164 Resp: 5151

Ion Ratio Lower Upper

164 100

162 101.3 84.2 126.2

160 48.3 41.7 62.5

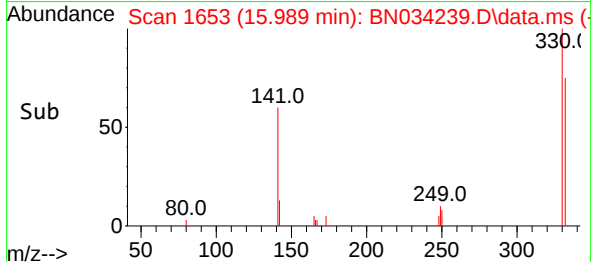
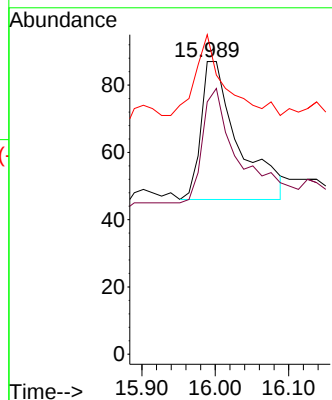
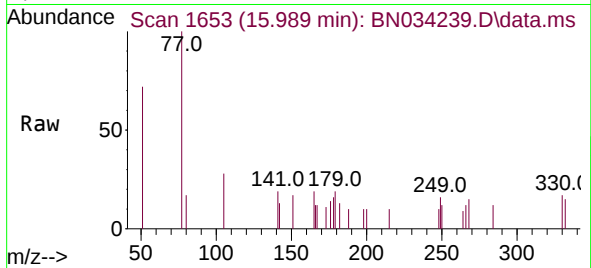




#14  
2,4,6-Tribromophenol  
Concen: 0.062 ng  
RT: 15.989 min Scan# 1  
Delta R.T. -0.037 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

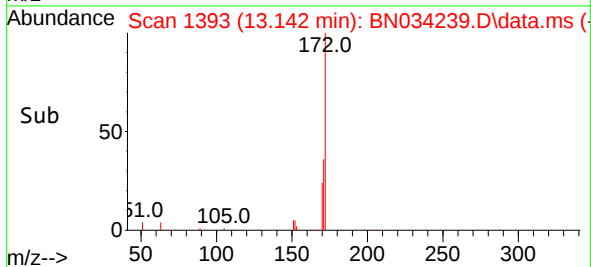
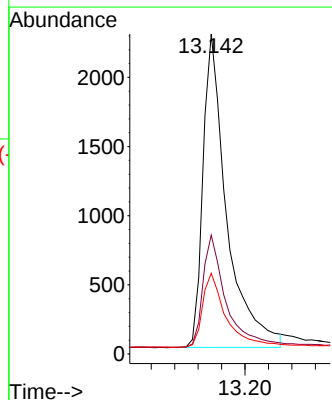
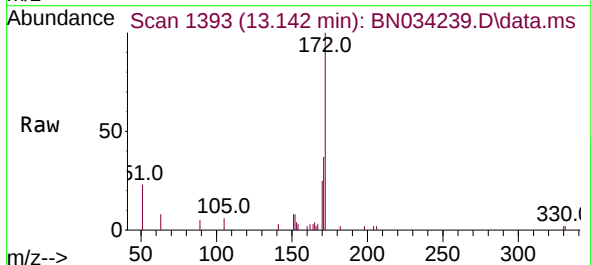
Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

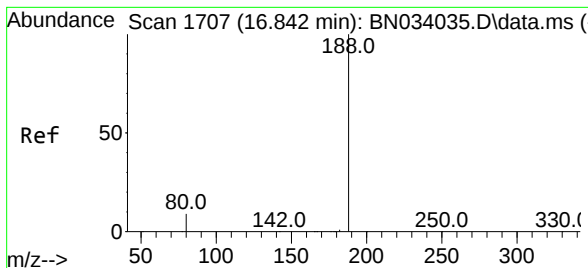
Tgt Ion:330 Resp: 145  
Ion Ratio Lower Upper  
330 100  
332 78.6 77.4 116.0  
141 44.8 35.9 53.9



#15  
2-Fluorobiphenyl  
Concen: 0.304 ng  
RT: 13.142 min Scan# 1393  
Delta R.T. -0.043 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Tgt Ion:172 Resp: 6379  
Ion Ratio Lower Upper  
172 100  
171 37.2 27.3 40.9  
170 25.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.243 min Scan# 1

Delta R.T. -0.037 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

Instrument :

BNA\_N

ClientSampleId :

RE135D1-20240920

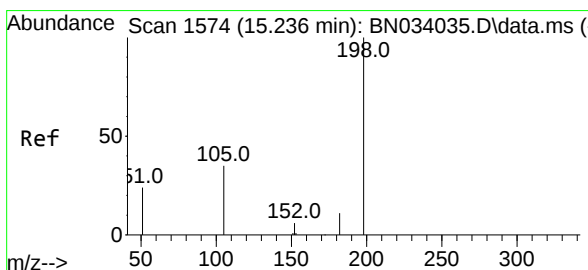
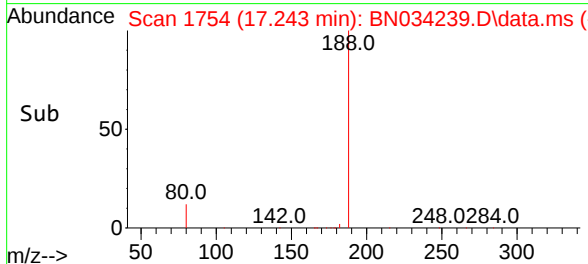
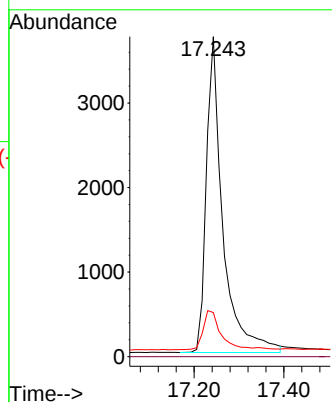
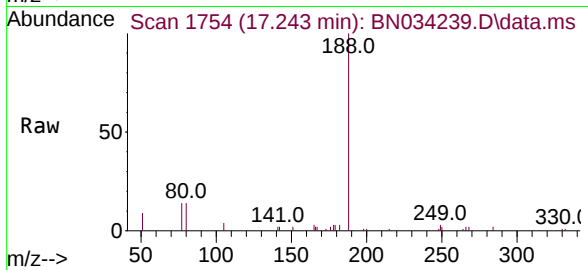
Tgt Ion:188 Resp: 9491

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.684 min Scan# 1709

Delta R.T. -0.062 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

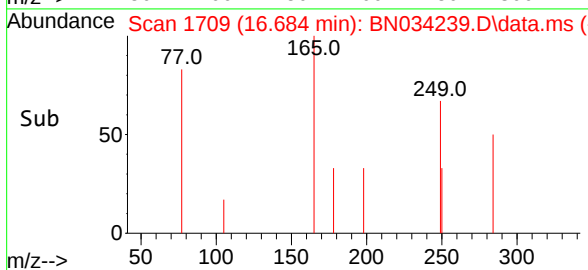
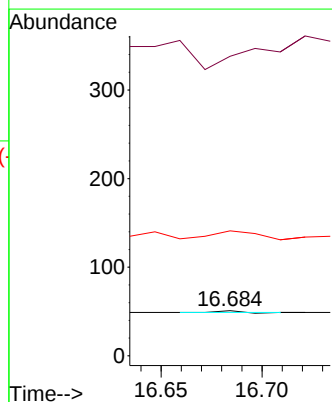
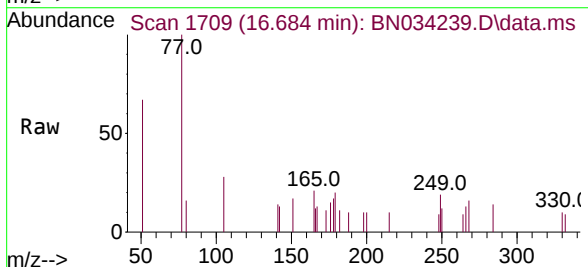
Tgt Ion:198 Resp: 1

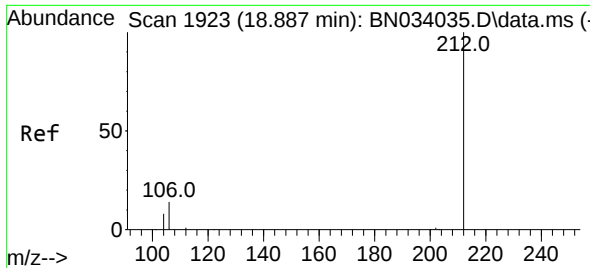
Ion Ratio Lower Upper

198 100

51 662.7 106.4 159.6#

105 276.5 38.5 57.7#





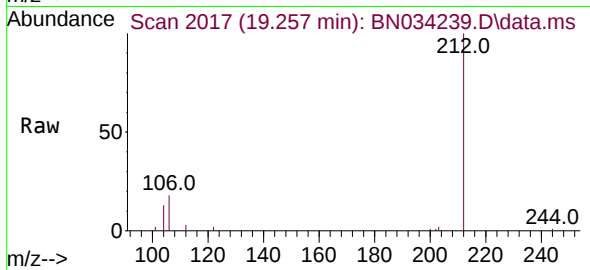
#27  
Fluoranthene-d10  
Concen: 0.369 ng  
RT: 19.257 min Scan# 20  
Delta R.T. -0.037 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Instrument :

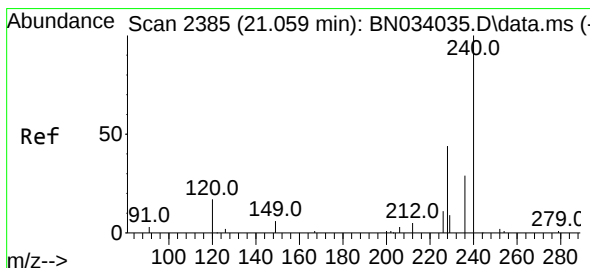
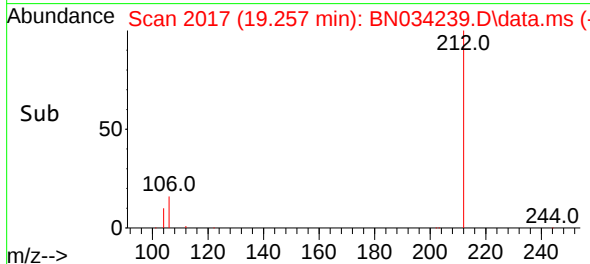
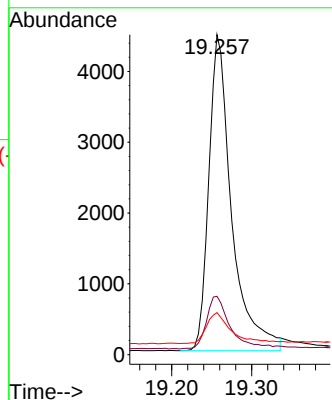
BNA\_N

ClientSampleId :

RE135D1-20240920

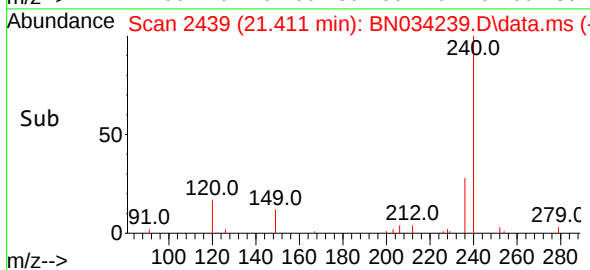
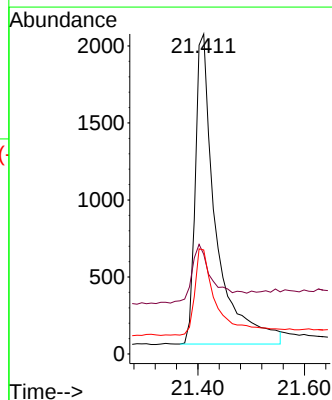
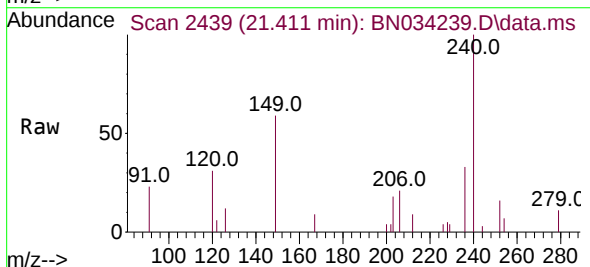


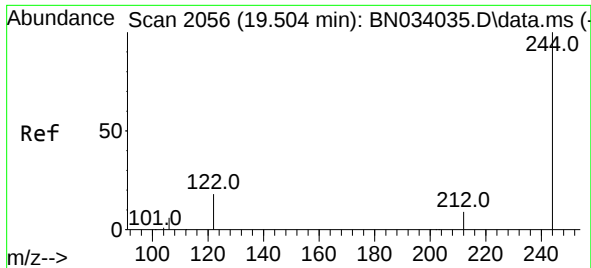
Tgt Ion:212 Resp: 8841  
Ion Ratio Lower Upper  
212 100  
106 17.4 13.4 20.2  
104 10.8 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 2439  
Delta R.T. -0.027 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

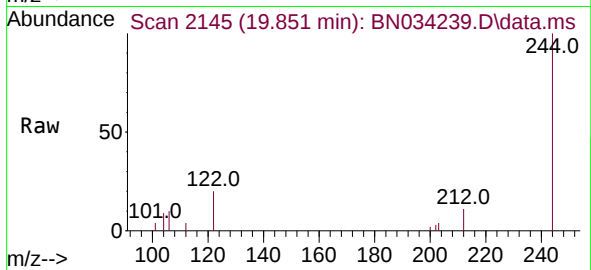
Tgt Ion:240 Resp: 5396  
Ion Ratio Lower Upper  
240 100  
120 31.2 13.5 20.3#  
236 32.5 23.4 35.0



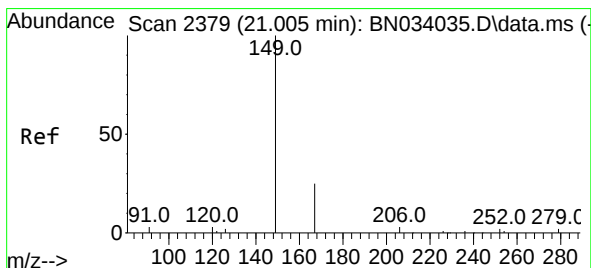
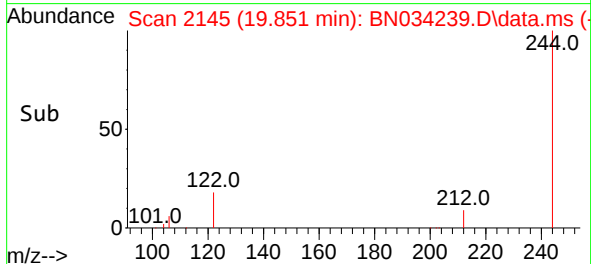
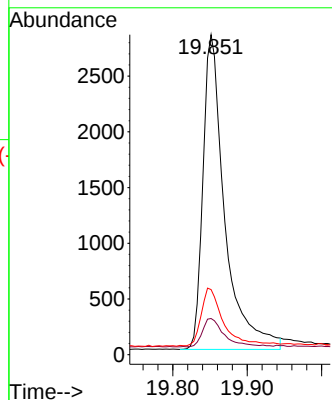


#31  
Terphenyl-d14  
Concen: 0.534 ng  
RT: 19.851 min Scan# 2145  
Delta R.T. -0.037 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

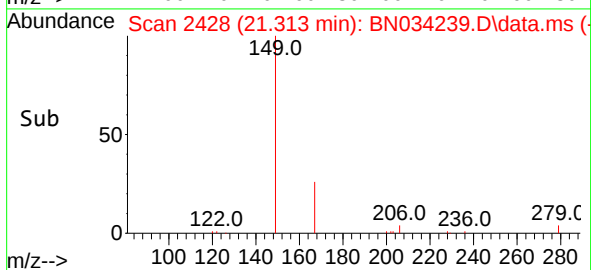
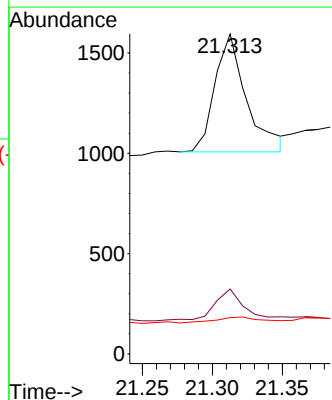
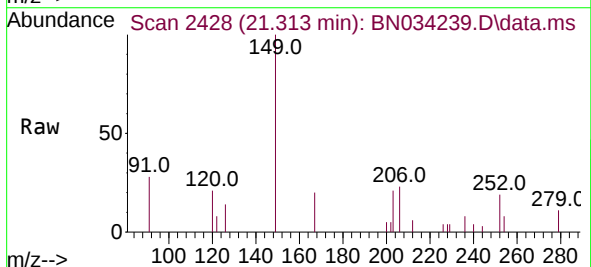


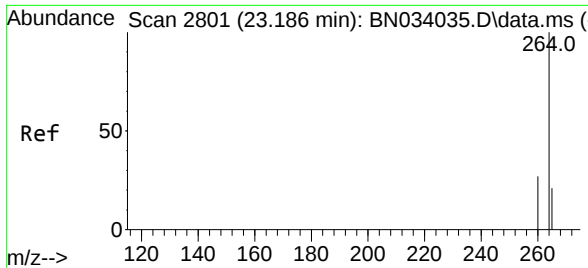
Tgt Ion:244 Resp: 5757  
Ion Ratio Lower Upper  
244 100  
212 11.3 7.8 11.6  
122 20.4 14.8 22.2



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.130 ng  
RT: 21.313 min Scan# 2428  
Delta R.T. -0.027 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Tgt Ion:149 Resp: 924  
Ion Ratio Lower Upper  
149 100  
167 21.9 19.9 29.9  
279 7.0 4.6 6.8#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.715 min Scan# 2998  
Delta R.T. -0.053 min  
Lab File: BN034239.D  
Acq: 25 Sep 2024 23:47

Instrument :  
BNA\_N  
ClientSampleId :  
RE135D1-20240920

Tgt Ion:264 Resp: 4398  
Ion Ratio Lower Upper  
264 100  
260 28.7 21.7 32.5  
265 301.2 52.1 78.1#

