

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
 Data File : BN028985.D  
 Acq On : 02 Dec 2023 15:13  
 Operator : MA/JU  
 Sample : 05404-10  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20231109

Quant Time: Dec 03 08:14:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 23:11:55 2023  
 Response via : Initial Calibration

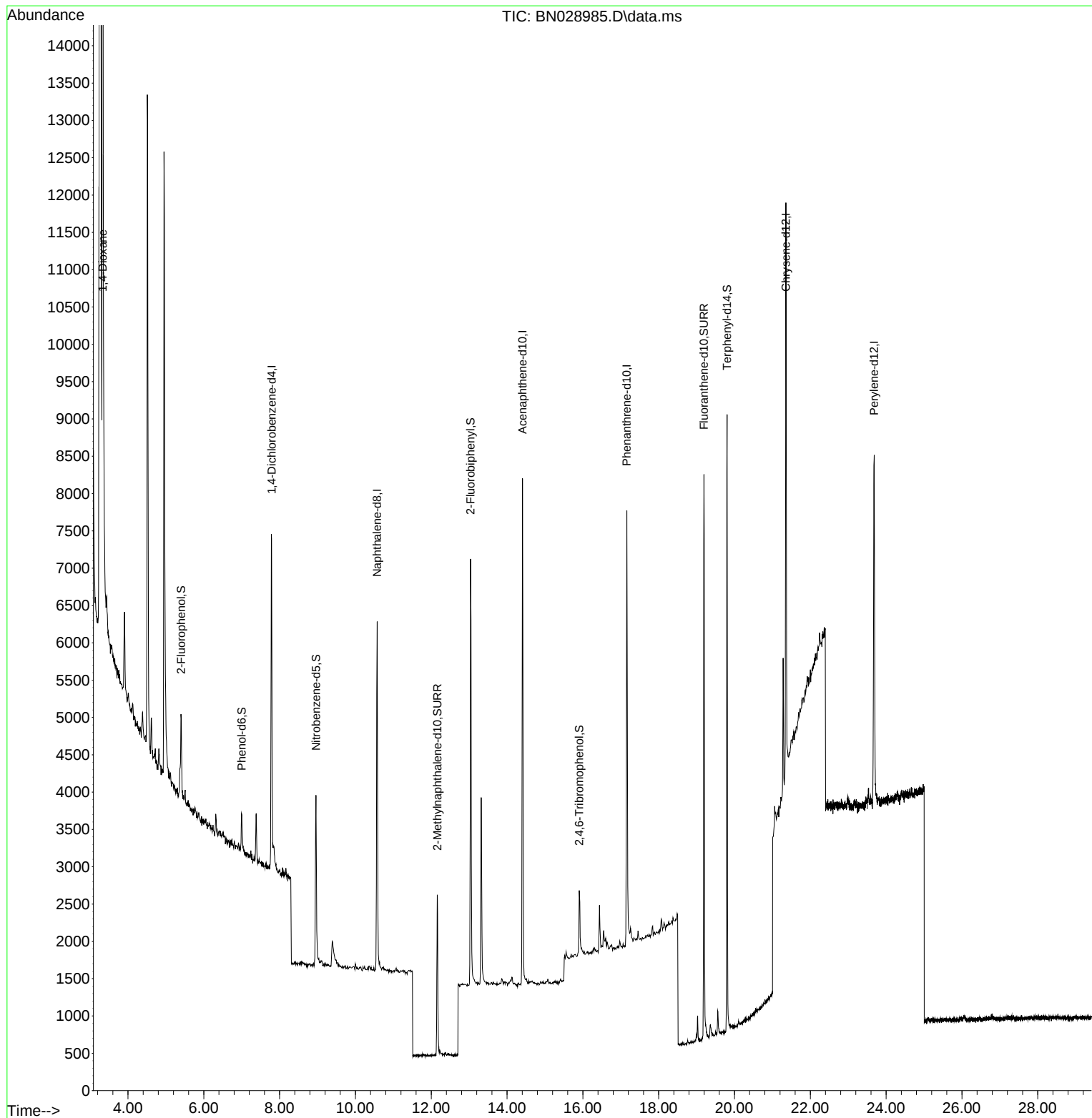
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|-------|-----------|
| -----                       |        |      |          |       |       |           |
| Internal Standards          |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.789  | 152  | 2228     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8           | 10.573 | 136  | 6464     | 0.400 | ng    | #-0.01    |
| 13) Acenaphthene-d10        | 14.407 | 164  | 4044     | 0.400 | ng    | -0.01     |
| 19) Phenanthrene-d10        | 17.159 | 188  | 8558     | 0.400 | ng    | -0.01     |
| 29) Chrysene-d12            | 21.356 | 240  | 7147     | 0.400 | ng    | #-0.02    |
| 35) Perylene-d12            | 23.681 | 264  | 6675     | 0.400 | ng    | #-0.03    |
| System Monitoring Compounds |        |      |          |       |       |           |
| 4) 2-Fluorophenol           | 5.406  | 112  | 738      | 0.109 | ng    | 0.00      |
| 5) Phenol-d6                | 7.002  | 99   | 481      | 0.064 | ng    | 0.00      |
| 8) Nitrobenzene-d5          | 8.961  | 82   | 2180     | 0.339 | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.159 | 152  | 3114     | 0.300 | ng    | -0.01     |
| 14) 2,4,6-Tribromophenol    | 15.905 | 330  | 639      | 0.234 | ng    | -0.01     |
| 15) 2-Fluorobiphenyl        | 13.038 | 172  | 5388     | 0.308 | ng    | -0.01     |
| 27) Fluoranthene-d10        | 19.195 | 212  | 8834     | 0.392 | ng    | -0.01     |
| 31) Terphenyl-d14           | 19.803 | 244  | 8423     | 0.408 | ng    | -0.01     |
| Target Compounds            |        |      |          |       |       |           |
| 2) 1,4-Dioxane              | 3.333  | 88   | 13375    | 6.130 | ng    | Qvalue 94 |
| -----                       |        |      |          |       |       |           |

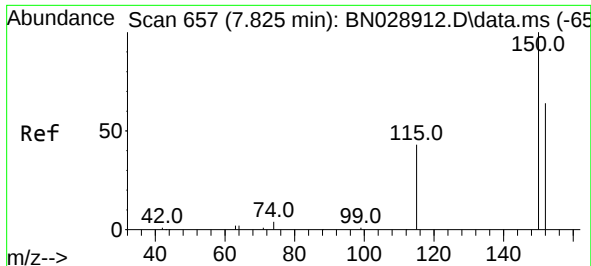
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
Data File : BN028985.D  
Acq On : 02 Dec 2023 15:13  
Operator : MA/JU  
Sample : 05404-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

Quant Time: Dec 03 08:14:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 23:11:55 2023  
Response via : Initial Calibration

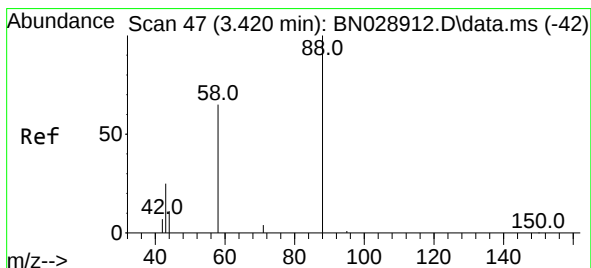
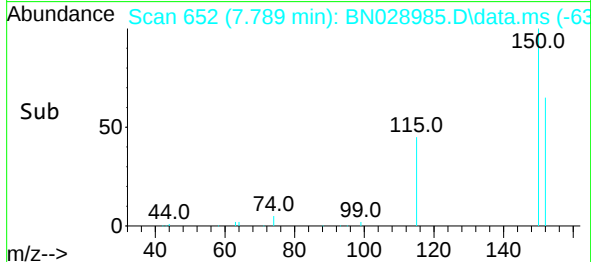
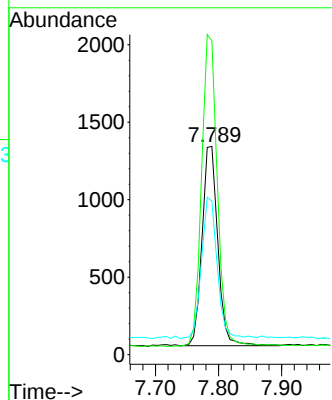
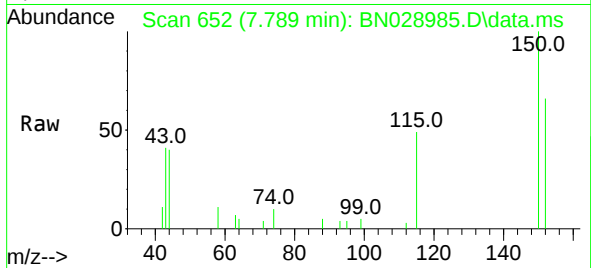




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.789 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN028985.D  
 Acq: 02 Dec 2023 15:13

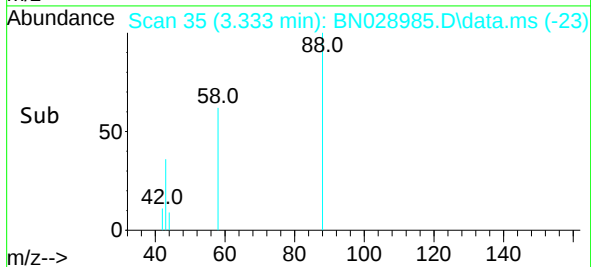
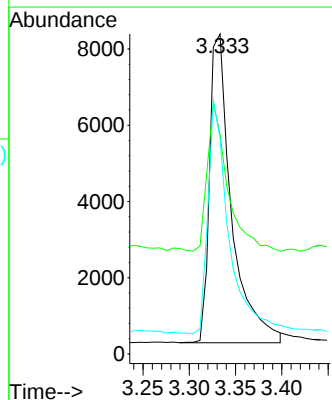
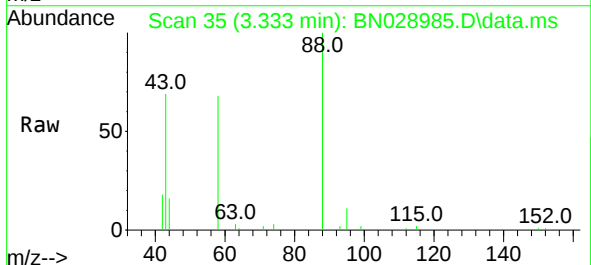
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 ClientSampleId :  
 RE134D3-20231109

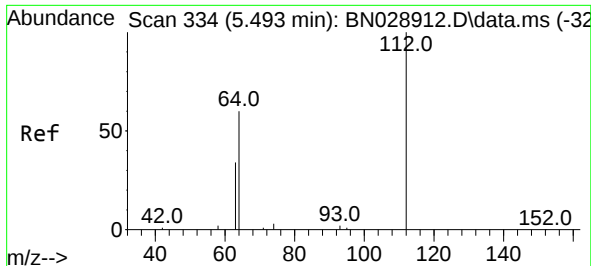
Tgt Ion:152 Resp: 2228  
 Ion Ratio Lower Upper  
 152 100  
 150 150.7 123.4 185.2  
 115 73.7 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 6.130 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. -0.015 min  
 Lab File: BN028985.D  
 Acq: 02 Dec 2023 15:13

Tgt Ion: 88 Resp: 13375  
 Ion Ratio Lower Upper  
 88 100  
 43 44.0 29.9 44.9  
 58 71.6 55.0 82.4

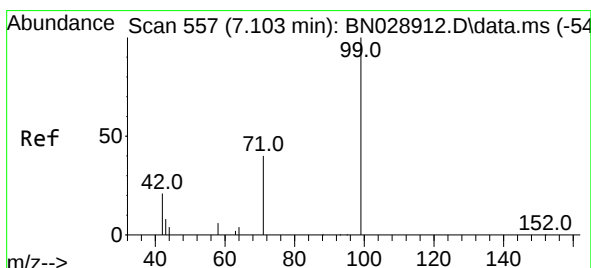
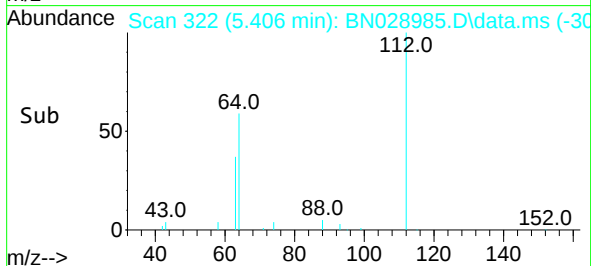
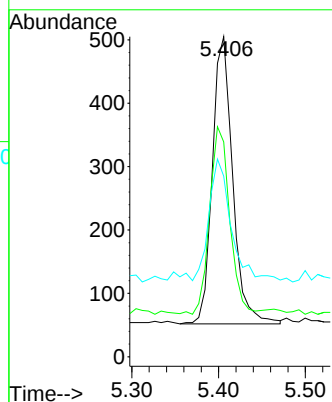
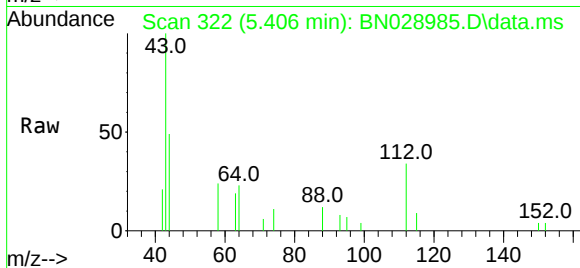




#4  
2-Fluorophenol  
Concen: 0.109 ng  
RT: 5.406 min Scan# 311  
Delta R.T. -0.007 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

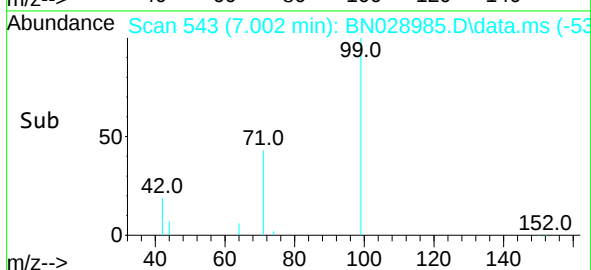
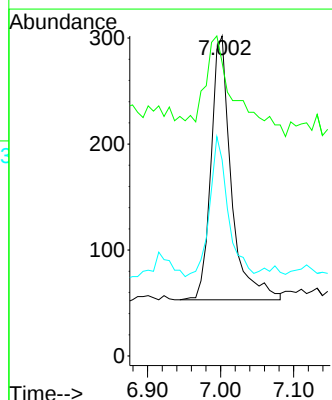
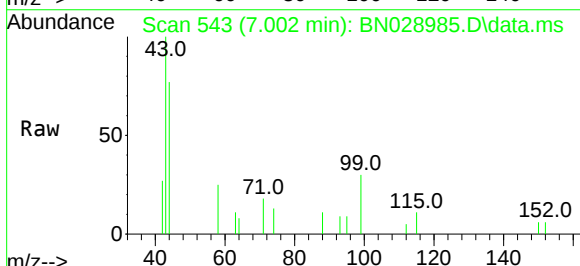
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

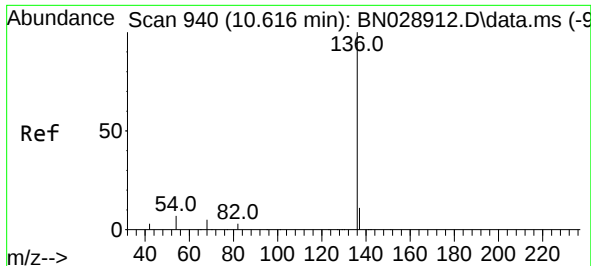
Tgt Ion:112 Resp: 738  
Ion Ratio Lower Upper  
112 100  
64 63.8 51.5 77.3  
63 47.6 30.4 45.6#



#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 7.002 min Scan# 543  
Delta R.T. -0.007 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

Tgt Ion: 99 Resp: 481  
Ion Ratio Lower Upper  
99 100  
42 58.0 21.2 31.8#  
71 47.8 35.4 53.0

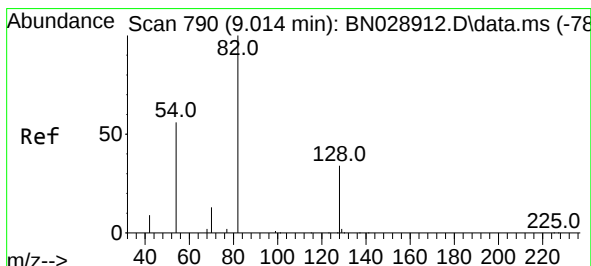
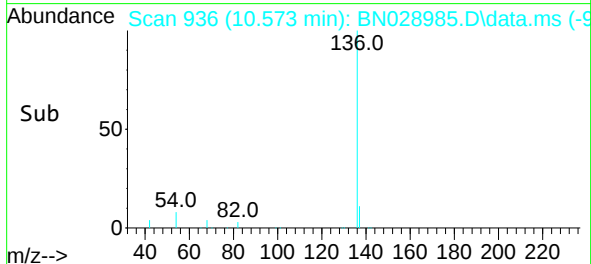
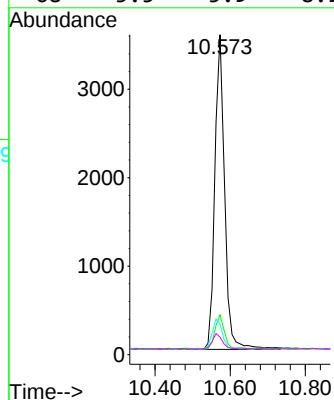
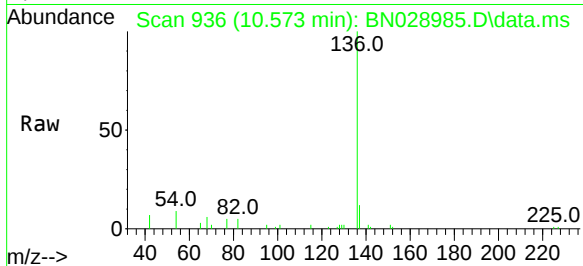




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

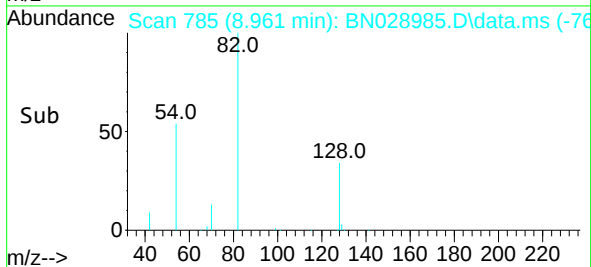
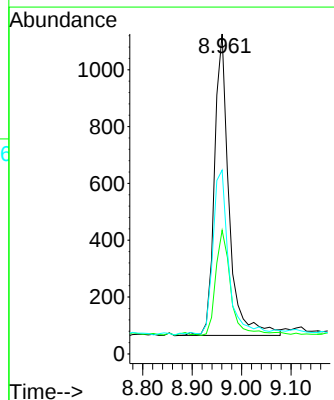
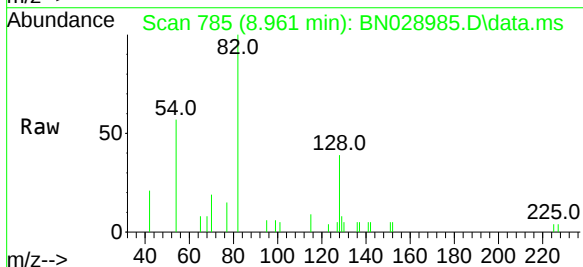
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

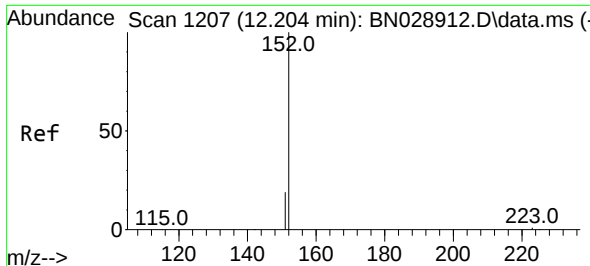
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 6464 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.4  | 10.6  | 16.0 |
| 54        | 9.5   | 7.5   | 11.3 |
| 68        | 5.5   | 5.9   | 8.9  |



#8  
Nitrobenzene-d5  
Concen: 0.339 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2180 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.6  | 29.2  | 43.8 |
| 54        | 57.5  | 47.0  | 70.6 |





#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.159 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BN028985.D

Acq: 02 Dec 2023 15:13

Instrument :

BNA\_N

ClientSampleId :

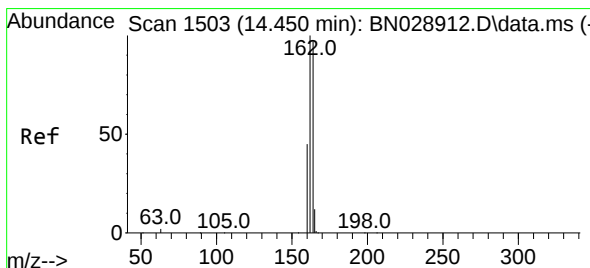
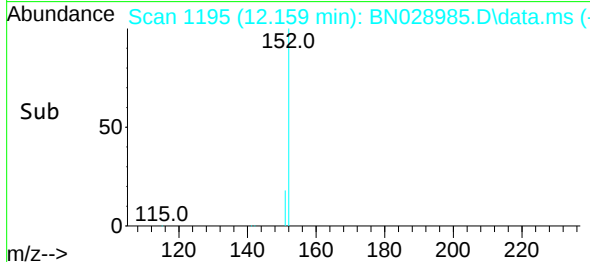
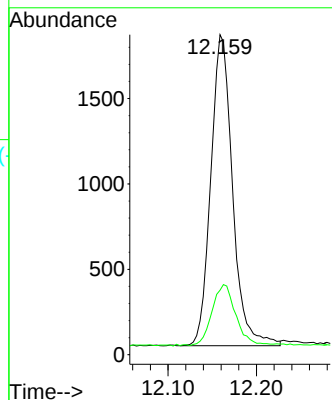
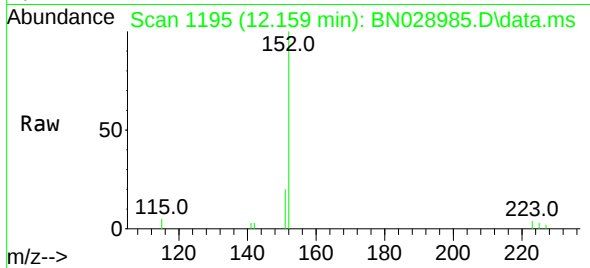
RE134D3-20231109

Tgt Ion:152 Resp: 3114

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 1499

Delta R.T. -0.011 min

Lab File: BN028985.D

Acq: 02 Dec 2023 15:13

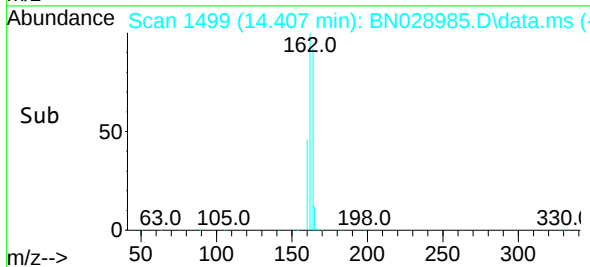
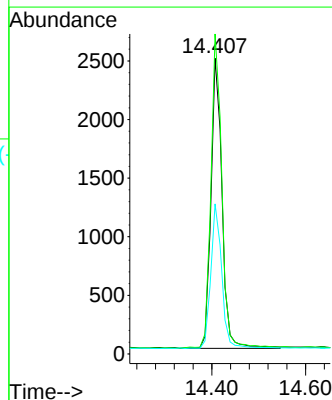
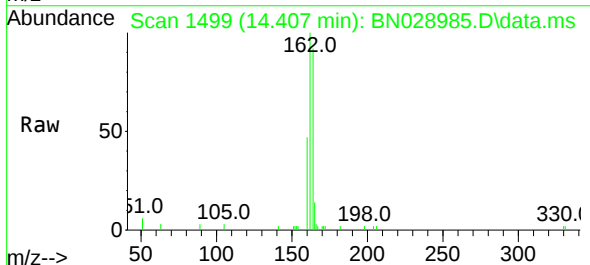
Tgt Ion:164 Resp: 4044

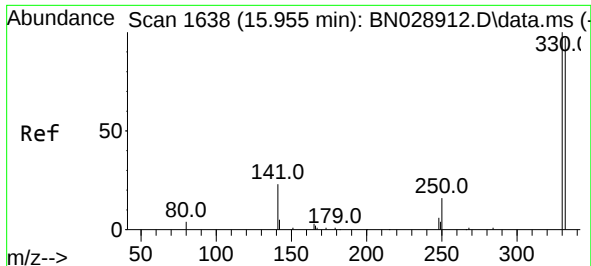
Ion Ratio Lower Upper

164 100

162 108.2 81.7 122.5

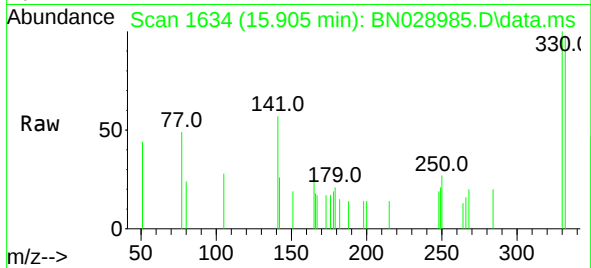
160 50.7 37.0 55.6



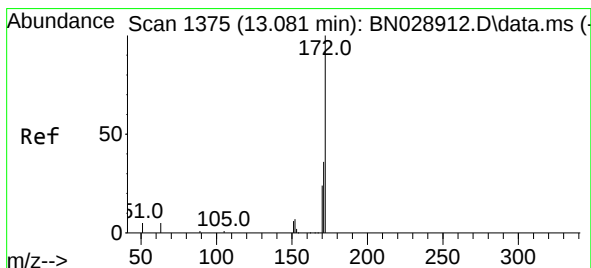
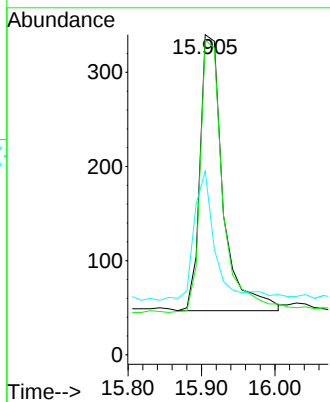
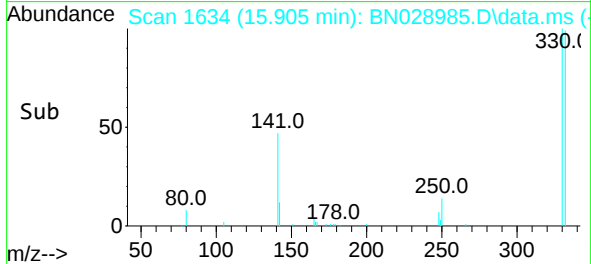


#14  
2,4,6-Tribromophenol  
Concen: 0.234 ng  
RT: 15.905 min Scan# 1  
Delta R.T. -0.013 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

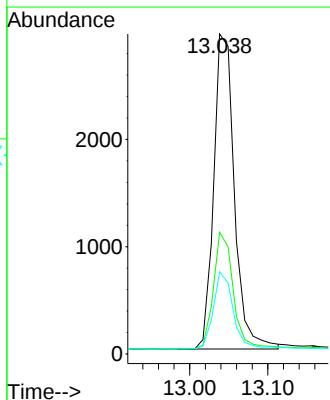
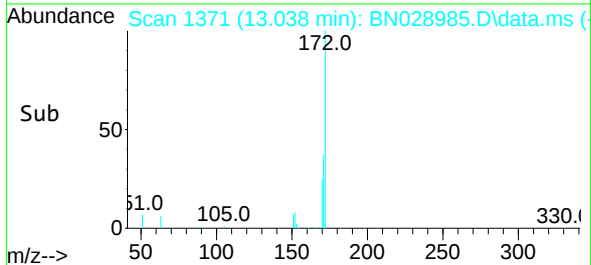
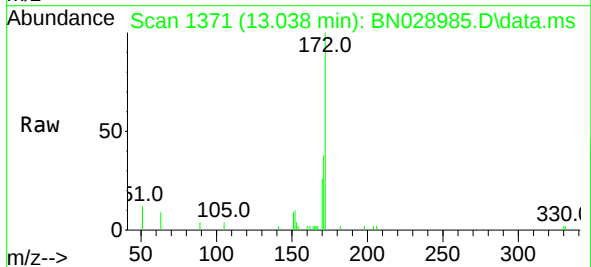


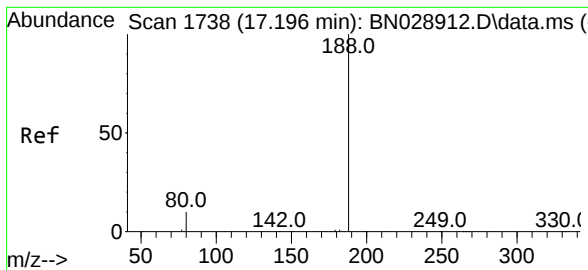
Tgt Ion:330 Resp: 639  
Ion Ratio Lower Upper  
330 100  
332 96.9 75.4 113.2  
141 43.2 35.7 53.5



#15  
2-Fluorobiphenyl  
Concen: 0.308 ng  
RT: 13.038 min Scan# 1371  
Delta R.T. -0.011 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

Tgt Ion:172 Resp: 5388  
Ion Ratio Lower Upper  
172 100  
171 38.0 29.0 43.4  
170 25.7 19.7 29.5

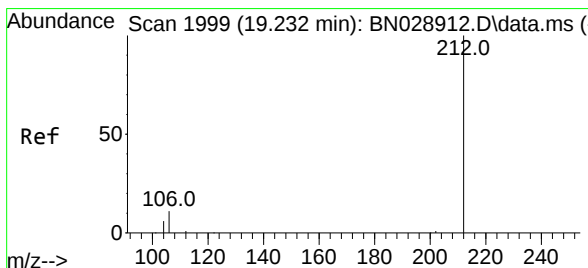
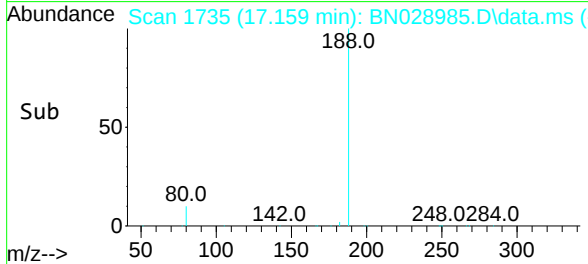
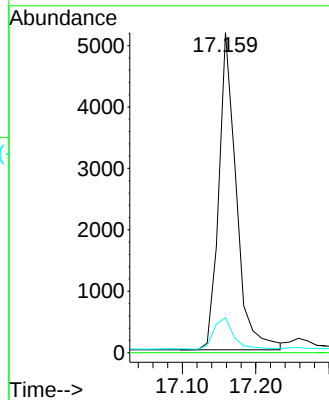
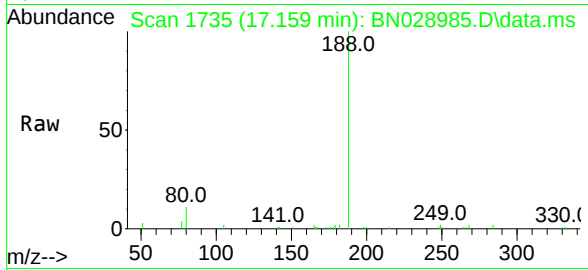




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.159 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

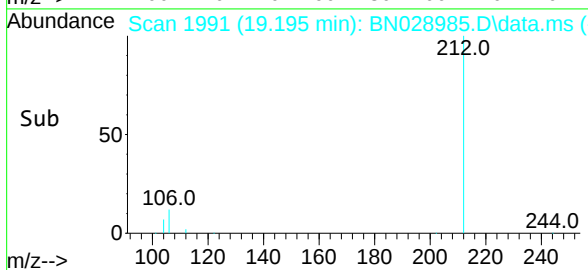
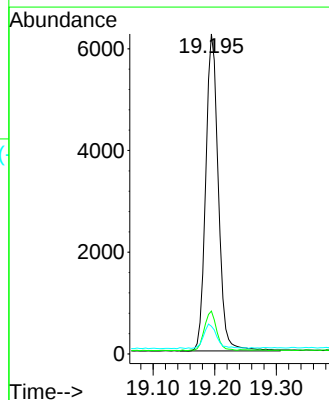
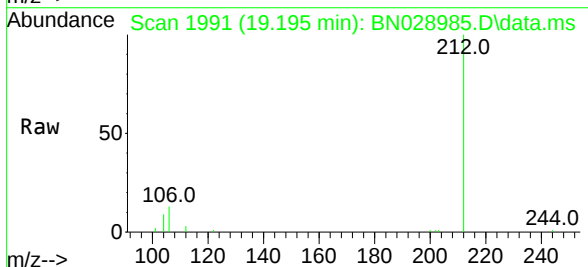
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

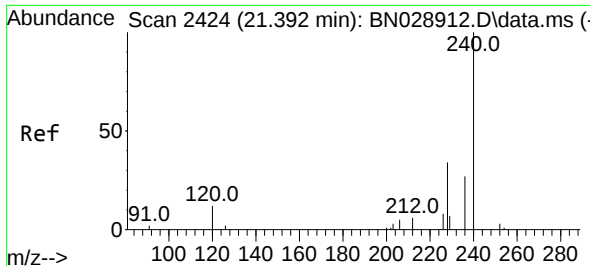
Tgt Ion:188 Resp: 8558  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 9.0 13.6



#27  
Fluoranthene-d10  
Concen: 0.392 ng  
RT: 19.195 min Scan# 1991  
Delta R.T. -0.014 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

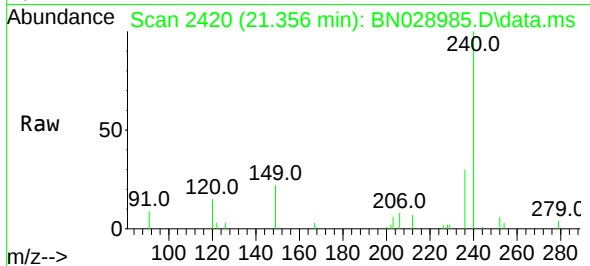
Tgt Ion:212 Resp: 8834  
Ion Ratio Lower Upper  
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106 12.2 9.4 14.2  
104 8.1 6.2 9.2



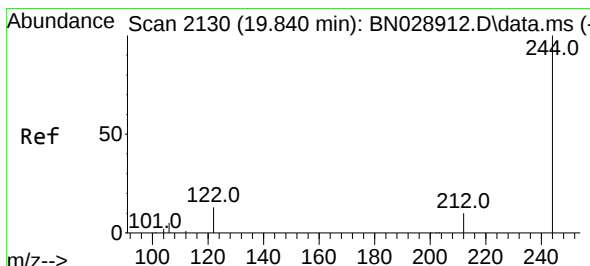
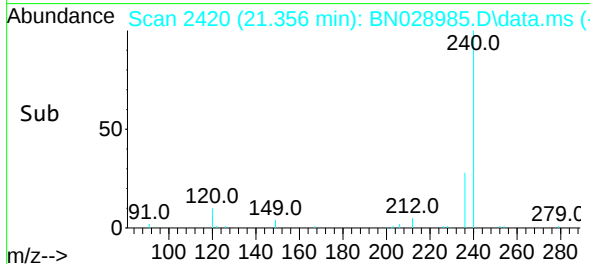
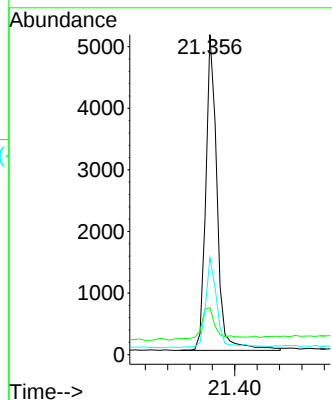


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.356 min Scan# 2420  
Delta R.T. -0.018 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109

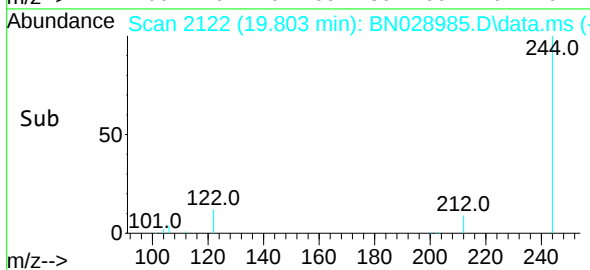
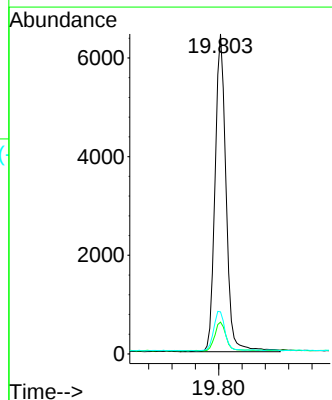
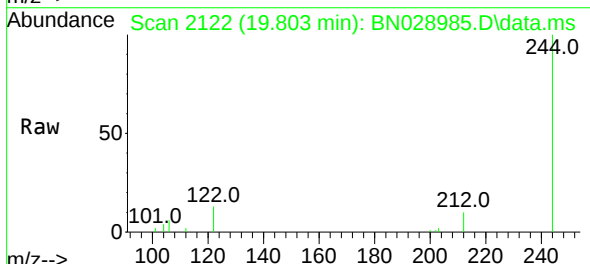


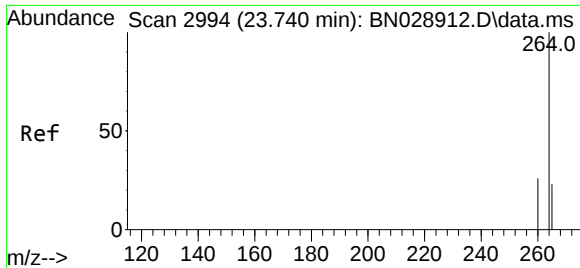
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Ion Ratio Lower Upper  
240 100  
120 14.7 37.1 55.7#  
236 30.3 32.4 48.6#



#31  
Terphenyl-d14  
Concen: 0.408 ng  
RT: 19.803 min Scan# 2122  
Delta R.T. -0.014 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

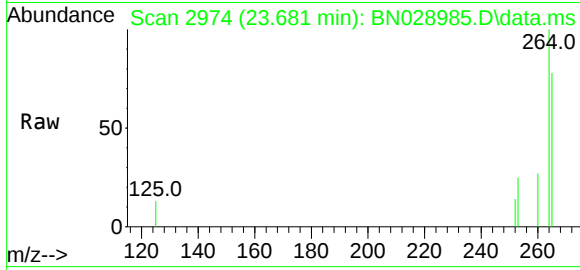
Tgt Ion:244 Resp: 8423  
Ion Ratio Lower Upper  
244 100  
212 9.9 11.5 17.3#  
122 13.2 13.2 19.8#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.681 min Scan# 2994  
Delta R.T. -0.027 min  
Lab File: BN028985.D  
Acq: 02 Dec 2023 15:13

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20231109



Tgt Ion:264 Resp: 6675  
Ion Ratio Lower Upper  
264 100  
260 26.5 20.6 30.8  
265 78.3 464.5 696.7#

