

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101424\  
 Data File : BN034576.D  
 Acq On : 14 Oct 2024 18:02  
 Operator : RC/JU  
 Sample : P4386-03RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DSN002RE

Quant Time: Oct 14 18:29:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 14 17:52:02 2024  
 Response via : Initial Calibration

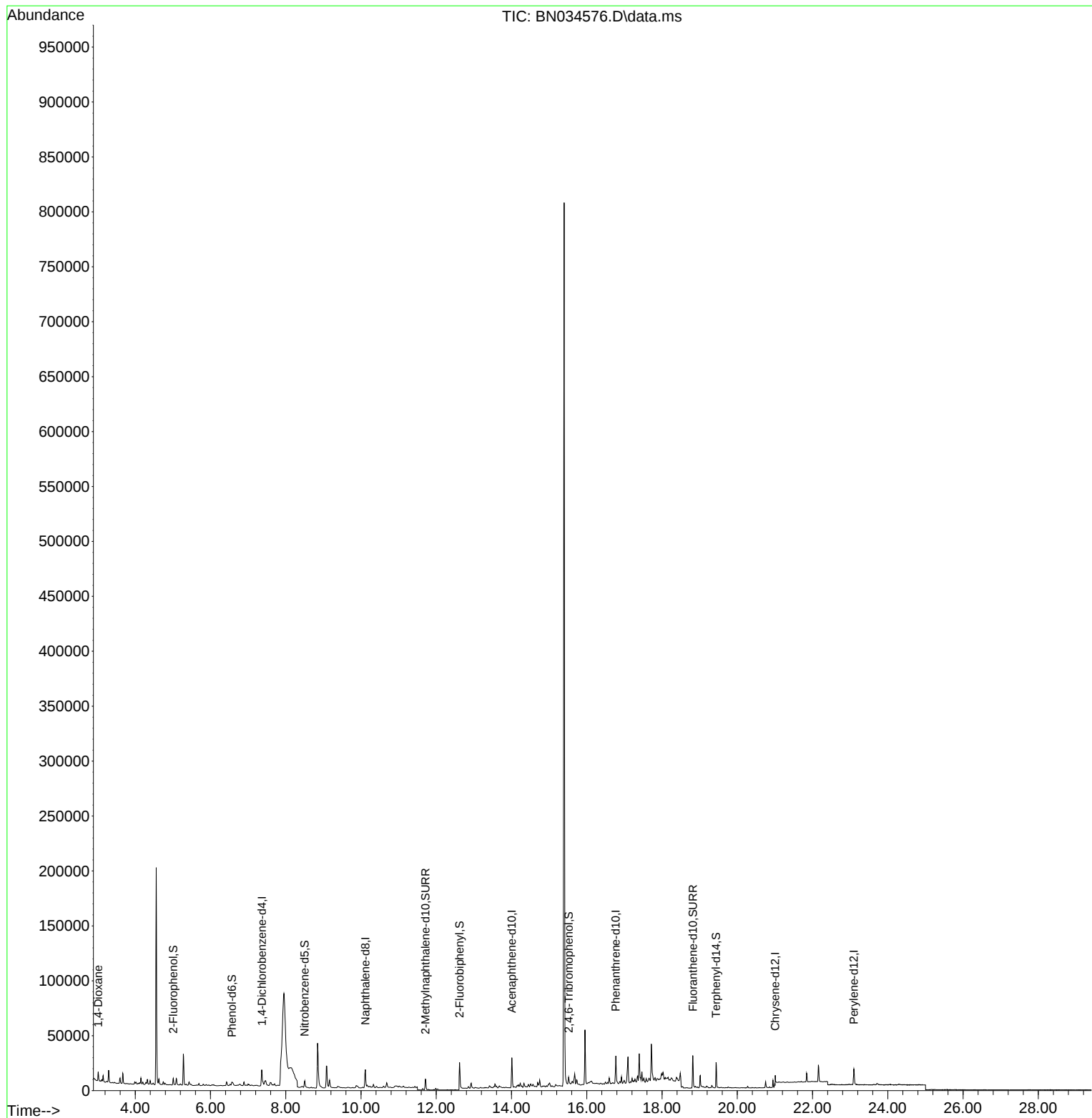
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|-------|-------|-------------|
| -----                       |        |      |          |       |       |             |
| Internal Standards          |        |      |          |       |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.365  | 152  | 7357     | 0.400 | ng    | 0.00        |
| 7) Naphthalene-d8           | 10.116 | 136  | 23812    | 0.400 | ng    | 0.00        |
| 13) Acenaphthene-d10        | 14.008 | 164  | 15275    | 0.400 | ng    | -0.01       |
| 19) Phenanthrene-d10        | 16.771 | 188  | 30544    | 0.400 | ng    | #-0.01      |
| 29) Chrysene-d12            | 21.008 | 240  | 4425     | 0.400 | ng    | 0.00        |
| 35) Perylene-d12            | 23.098 | 264  | 17801    | 0.400 | ng    | #-0.01      |
| System Monitoring Compounds |        |      |          |       |       |             |
| 4) 2-Fluorophenol           | 5.011  | 112  | 4792     | 0.240 | ng    | 0.00        |
| 5) Phenol-d6                | 6.571  | 99   | 3961     | 0.192 | ng    | 0.00        |
| 8) Nitrobenzene-d5          | 8.504  | 82   | 5808     | 0.374 | ng    | -0.01       |
| 11) 2-Methylnaphthalene-d10 | 11.712 | 152  | 14386    | 0.403 | ng    | -0.01       |
| 14) 2,4,6-Tribromophenol    | 15.517 | 330  | 3058     | 0.452 | ng    | -0.01       |
| 15) 2-Fluorobiphenyl        | 12.618 | 172  | 19060    | 0.362 | ng    | -0.02       |
| 27) Fluoranthene-d10        | 18.820 | 212  | 32549    | 0.438 | ng    | 0.00        |
| 31) Terphenyl-d14           | 19.438 | 244  | 22598    | 0.890 | ng    | -0.01       |
| Target Compounds            |        |      |          |       |       |             |
| 2) 1,4-Dioxane              | 3.018  | 88   | 4888     | 0.551 | ng    | Qvalue # 76 |
| -----                       |        |      |          |       |       |             |

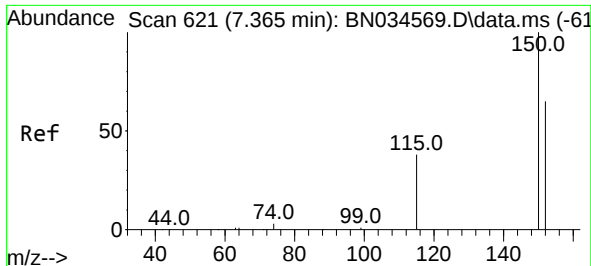
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101424\  
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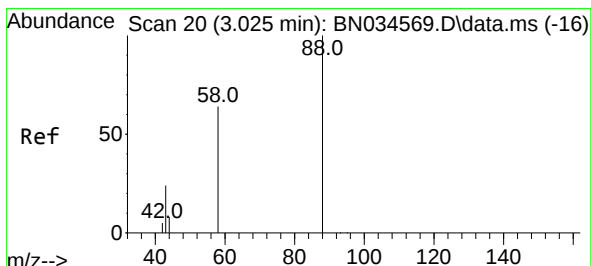
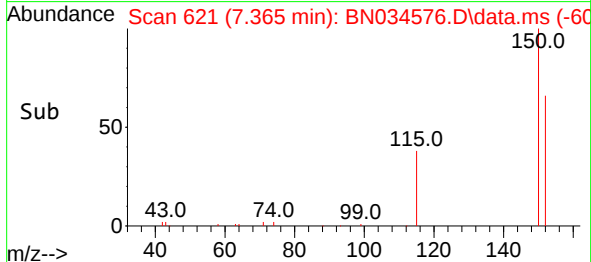
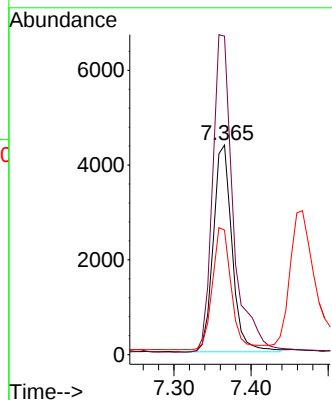
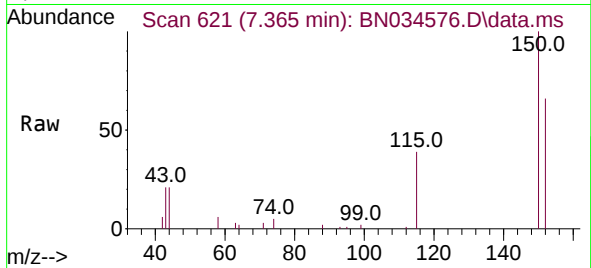




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.365 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN034576.D  
 Acq: 14 Oct 2024 18:02

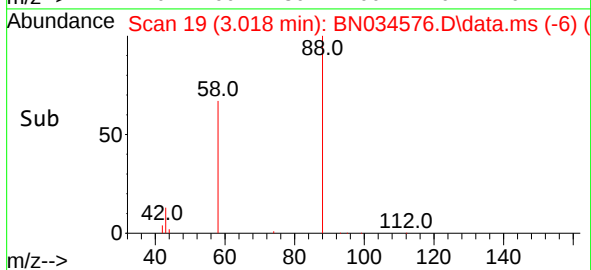
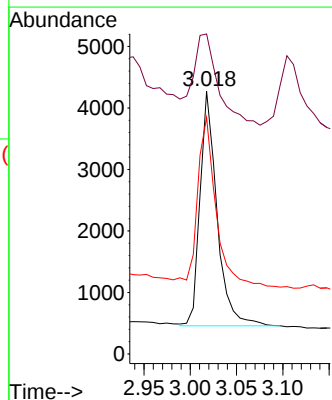
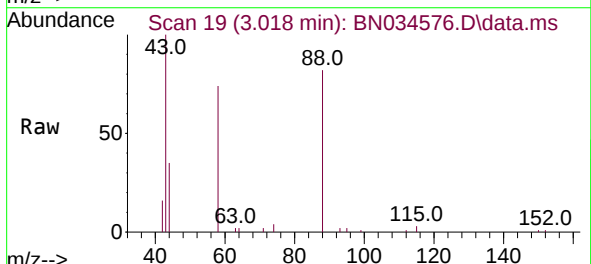
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 BNA\_N  
 ClientSampleId :  
 DSN002RE

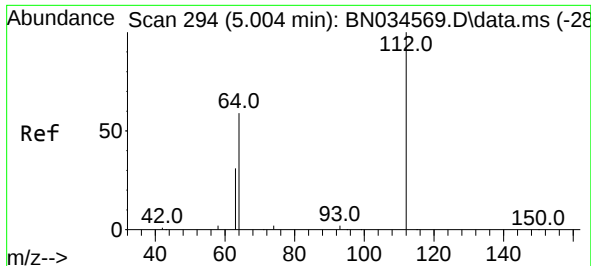
Tgt Ion:152 Resp: 7357  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 122.0 183.0  
 115 59.4 48.3 72.5



#2  
 1,4-Dioxane  
 Concen: 0.551 ng  
 RT: 3.018 min Scan# 19  
 Delta R.T. -0.007 min  
 Lab File: BN034576.D  
 Acq: 14 Oct 2024 18:02

Tgt Ion: 88 Resp: 4888  
 Ion Ratio Lower Upper  
 88 100  
 43 57.4 22.8 34.2#  
 58 79.5 56.4 84.6

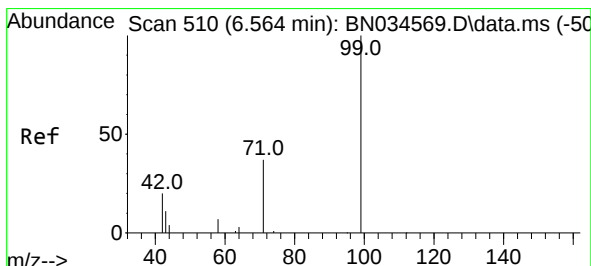
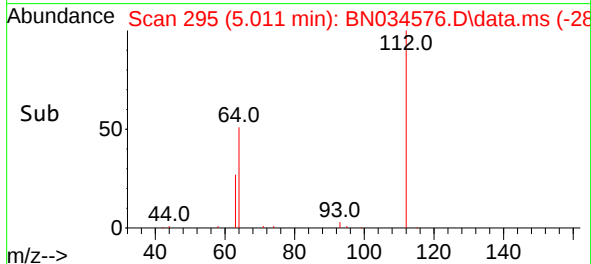
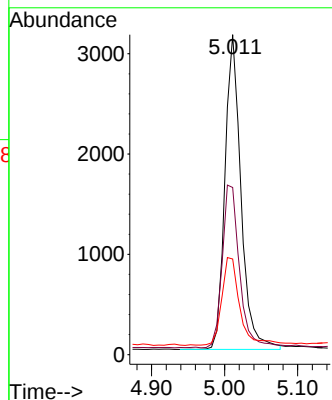
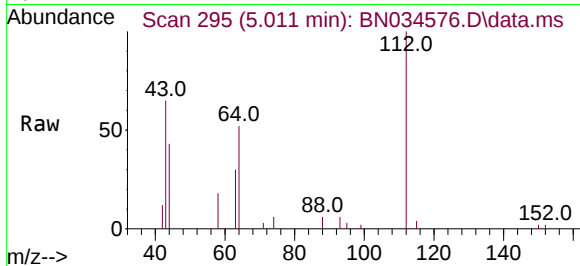




#4  
2-Fluorophenol  
Concen: 0.240 ng  
RT: 5.011 min Scan# 294  
Delta R.T. 0.007 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

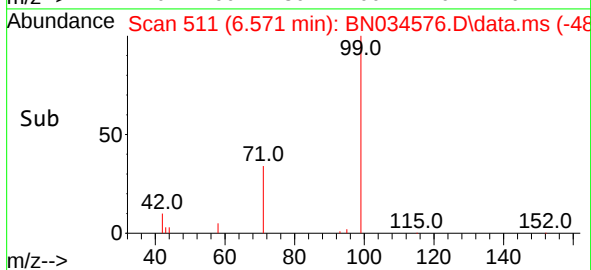
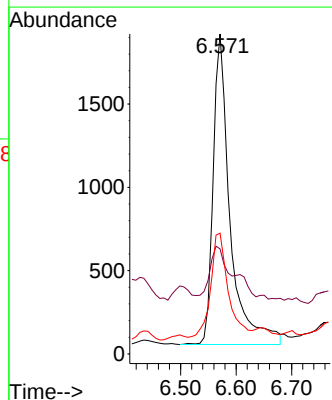
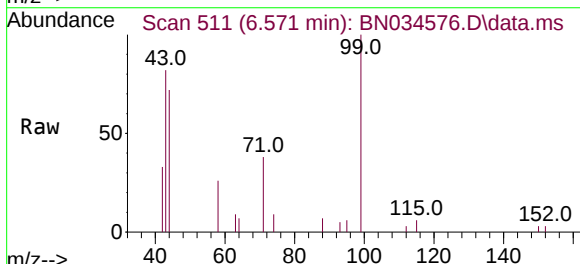
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ClientSampleId :  
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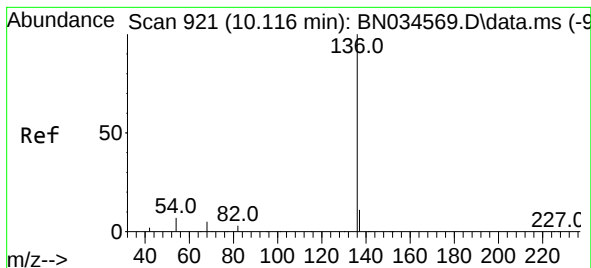
Tgt Ion:112 Resp: 4792  
Ion Ratio Lower Upper  
112 100  
64 55.7 44.6 66.8  
63 31.4 23.8 35.6



#5  
Phenol-d6  
Concen: 0.192 ng  
RT: 6.571 min Scan# 511  
Delta R.T. 0.007 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

Tgt Ion: 99 Resp: 3961  
Ion Ratio Lower Upper  
99 100  
42 25.1 15.0 22.6#  
71 35.2 28.0 42.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.116 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

Instrument :

BNA\_N

ClientSampleId :

DSN002RE

Tgt Ion:136 Resp: 23812

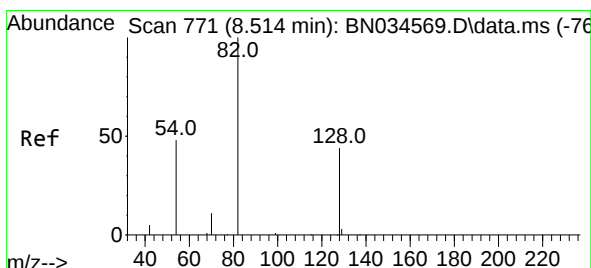
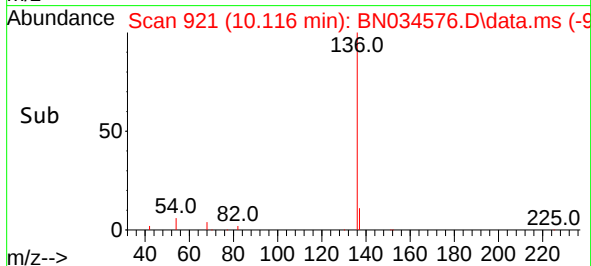
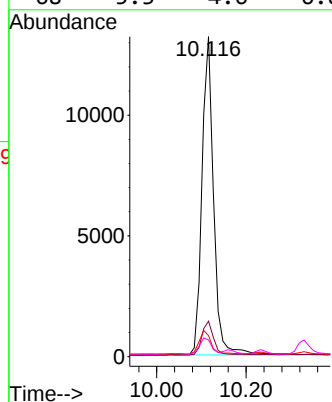
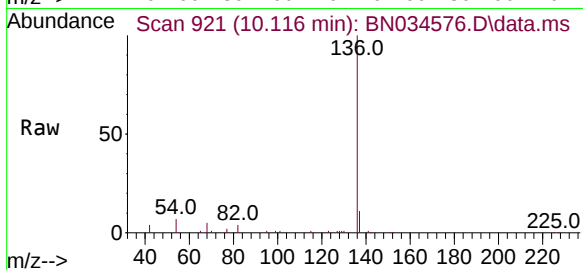
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 6.6 6.2 9.4

68 5.3 4.6 6.8



#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.504 min Scan# 770

Delta R.T. -0.011 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

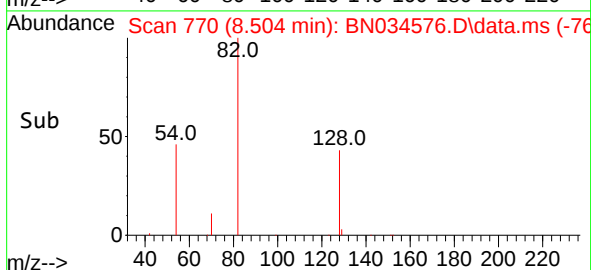
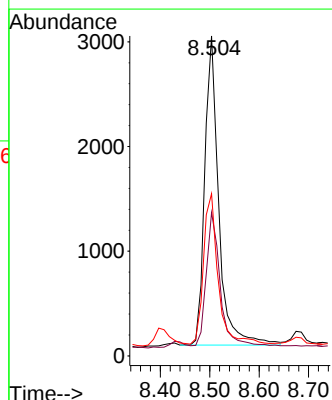
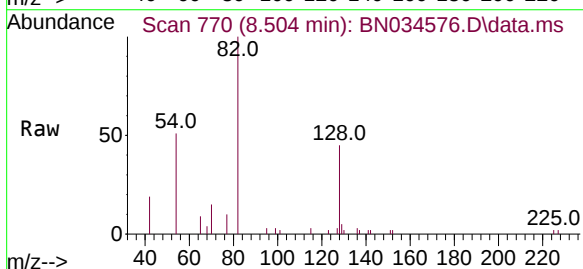
Tgt Ion: 82 Resp: 5808

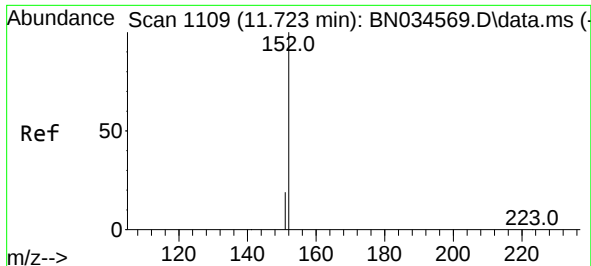
Ion Ratio Lower Upper

82 100

128 44.8 38.0 57.0

54 50.7 40.6 60.8

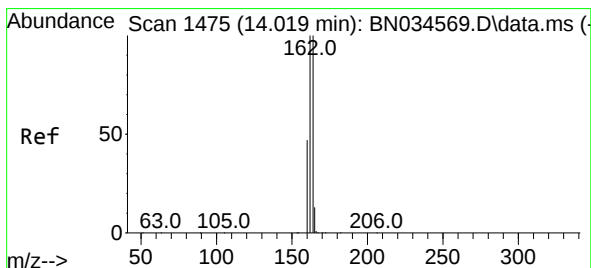
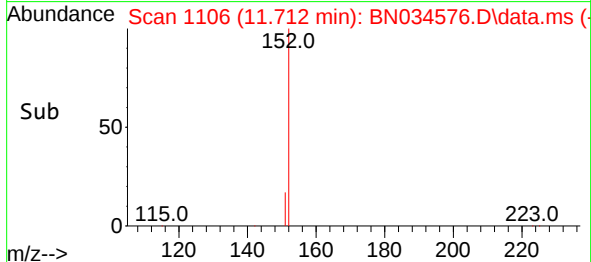
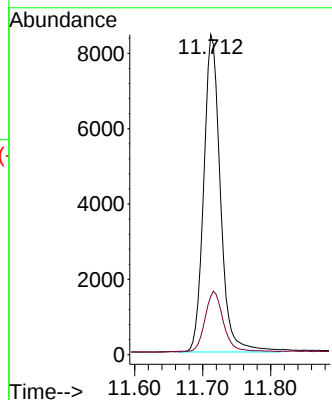
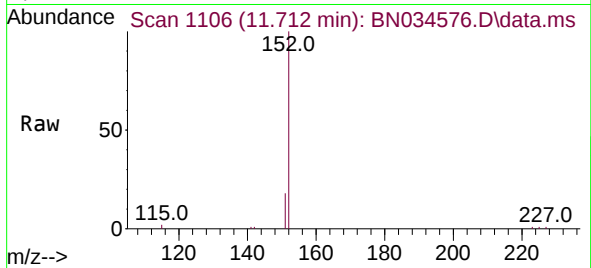




#11  
2-Methylnaphthalene-d10  
Concen: 0.403 ng  
RT: 11.712 min Scan# 1106  
Delta R.T. -0.011 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

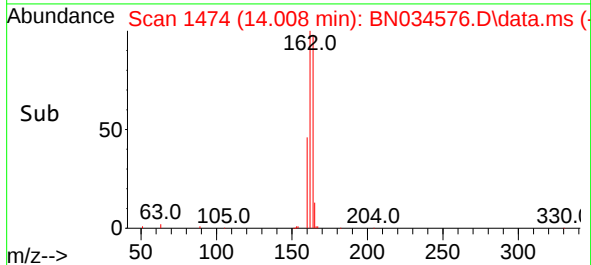
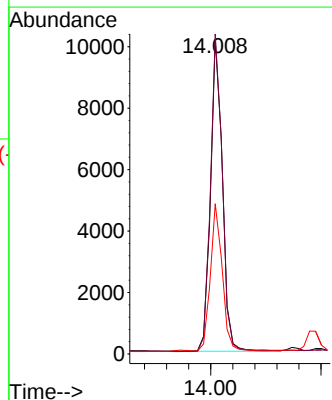
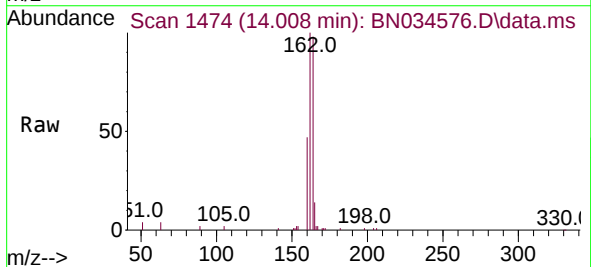
Instrument :  
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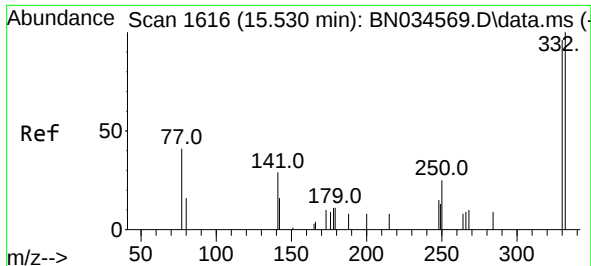
Tgt Ion:152 Resp: 14386  
Ion Ratio Lower Upper  
152 100  
151 21.8 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.008 min Scan# 1474  
Delta R.T. -0.011 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

Tgt Ion:164 Resp: 15275  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.7 119.5  
160 47.7 37.9 56.9

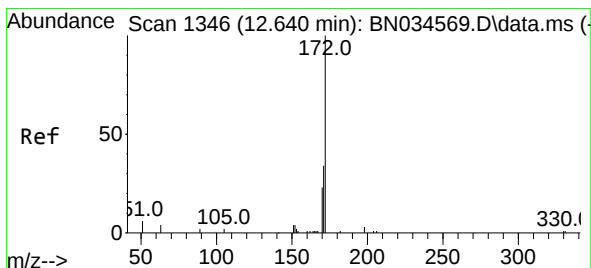
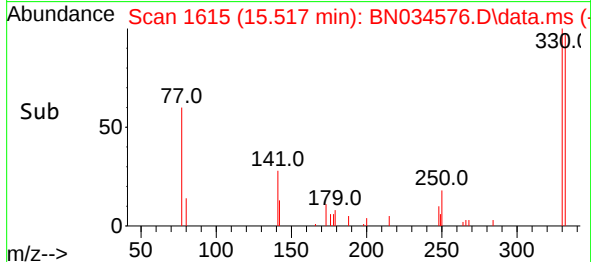
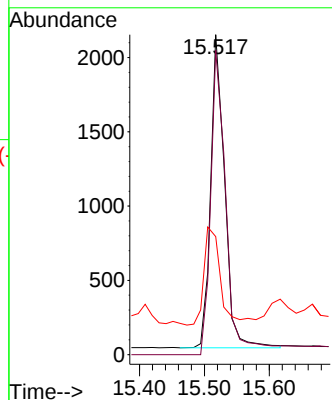
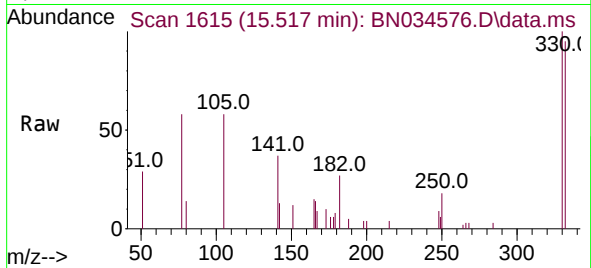




#14  
2,4,6-Tribromophenol  
Concen: 0.452 ng  
RT: 15.517 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

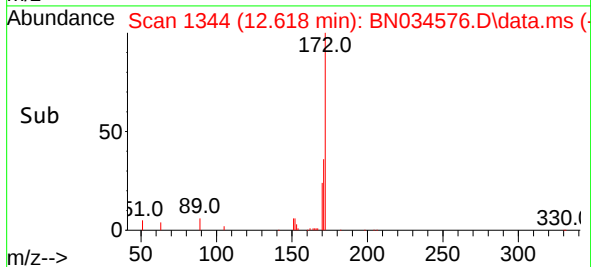
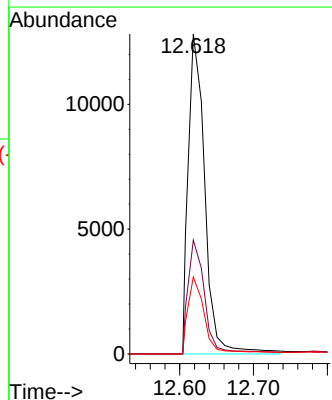
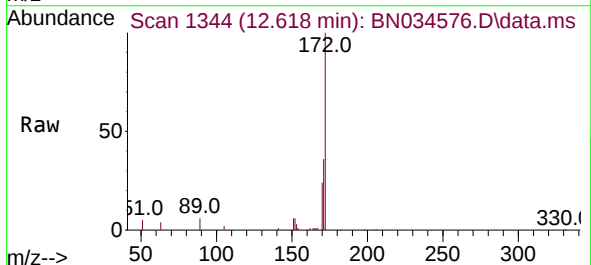
Instrument :  
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ClientSampleId :  
DSN002RE

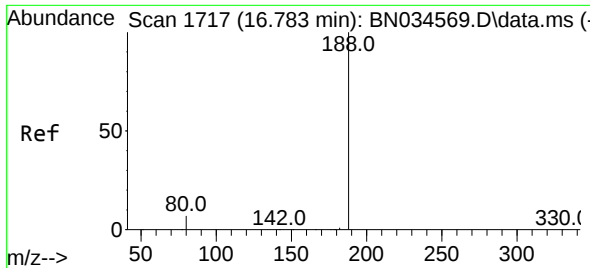
Tgt Ion:330 Resp: 3058  
Ion Ratio Lower Upper  
330 100  
332 107.3 104.3 156.5  
141 36.2 29.4 44.0



#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 12.618 min Scan# 1344  
Delta R.T. -0.021 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

Tgt Ion:172 Resp: 19060  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.1 40.7  
170 24.1 18.5 27.7

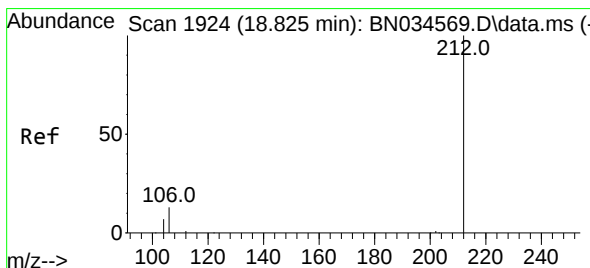
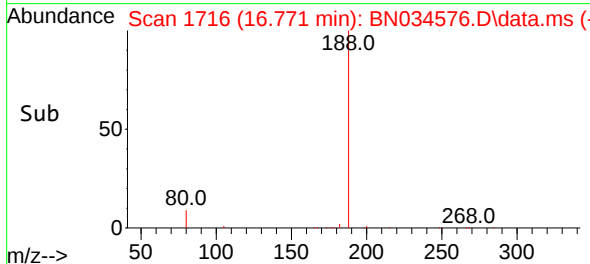
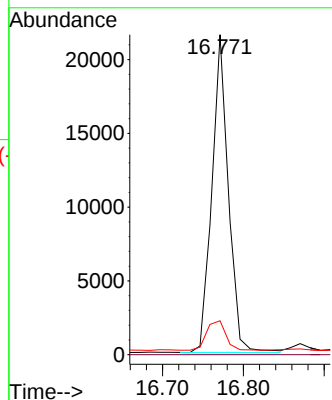
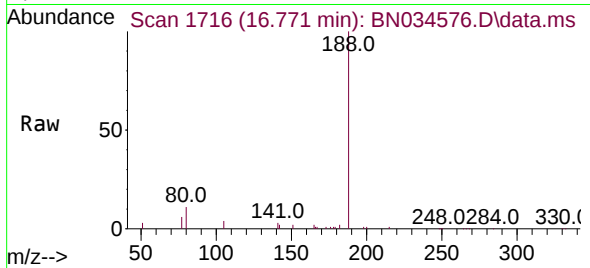




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.771 min Scan# 1716  
Delta R.T. -0.012 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

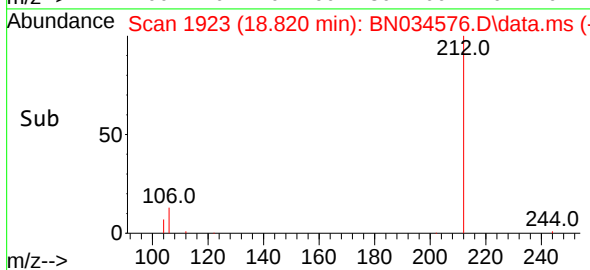
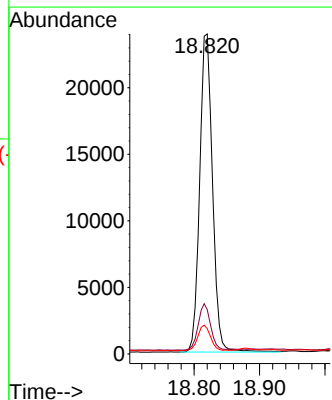
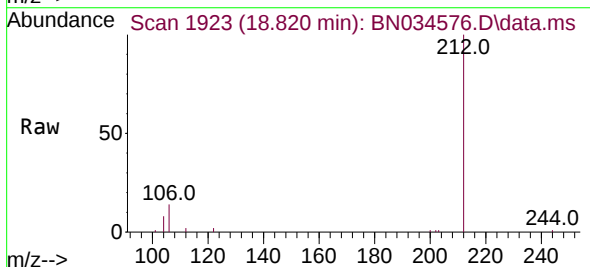
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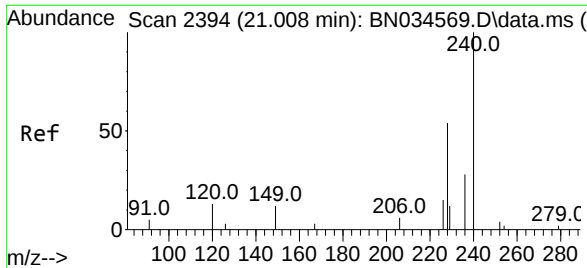
Tgt Ion:188 Resp: 30544  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 6.3 9.5#



#27  
Fluoranthene-d10  
Concen: 0.438 ng  
RT: 18.820 min Scan# 1923  
Delta R.T. -0.005 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

Tgt Ion:212 Resp: 32549  
Ion Ratio Lower Upper  
212 100  
106 14.0 11.1 16.7  
104 7.8 6.5 9.7

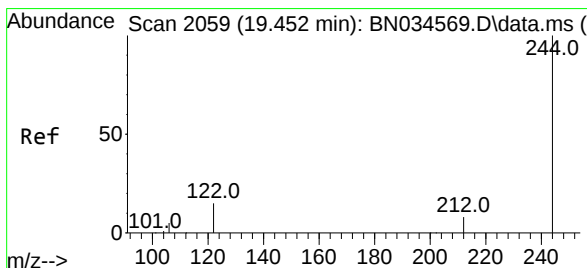
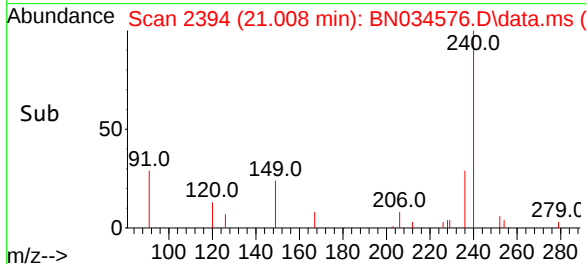
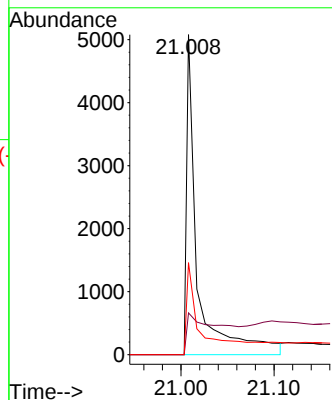
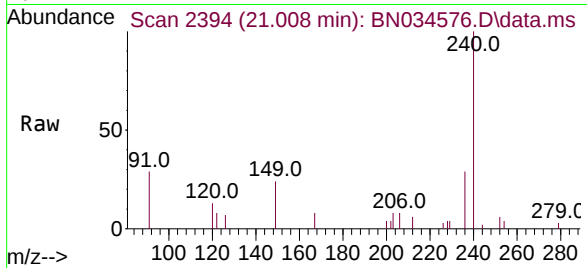




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.008 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

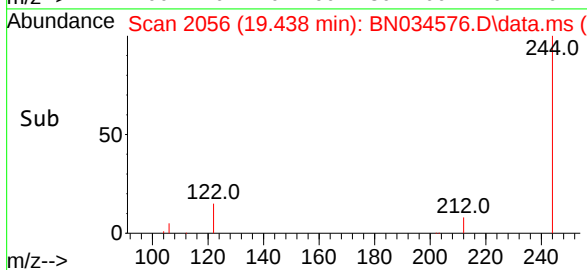
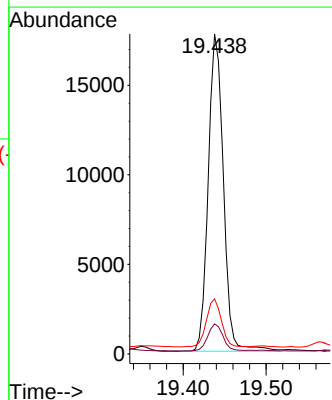
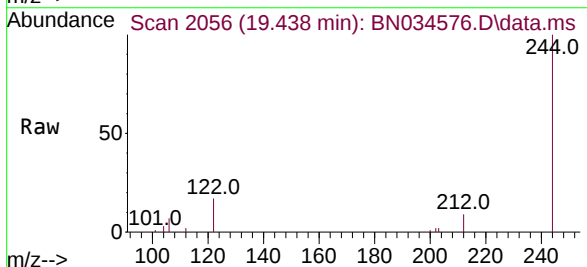
Instrument :  
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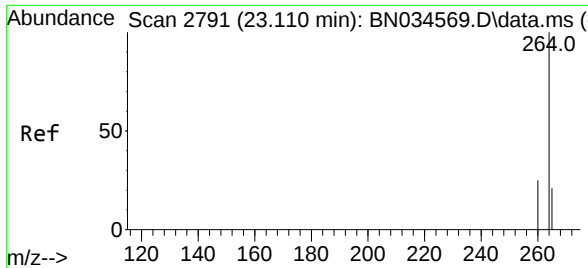
Tgt Ion:240 Resp: 4425  
Ion Ratio Lower Upper  
240 100  
120 13.1 10.1 15.1  
236 28.7 22.6 34.0



#31  
Terphenyl-d14  
Concen: 0.890 ng  
RT: 19.438 min Scan# 2056  
Delta R.T. -0.014 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

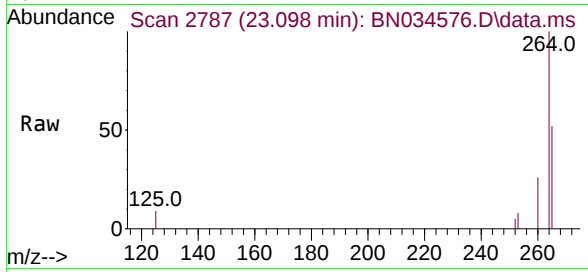
Tgt Ion:244 Resp: 22598  
Ion Ratio Lower Upper  
244 100  
212 9.4 7.7 11.5  
122 17.2 12.6 19.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.098 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN034576.D  
Acq: 14 Oct 2024 18:02

Instrument :  
BNA\_N  
ClientSampleId :  
DSN002RE



Tgt Ion:264 Resp: 17801  
Ion Ratio Lower Upper  
264 100  
260 26.4 20.9 31.3  
265 52.0 61.6 92.4#

