

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082924\  
 Data File : BN033693.D  
 Acq On : 30 Aug 2024 06:41  
 Operator : MA/JU  
 Sample : P3769-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-10B-42.5-082724

Quant Time: Aug 30 07:09:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 23:33:13 2024  
 Response via : Initial Calibration

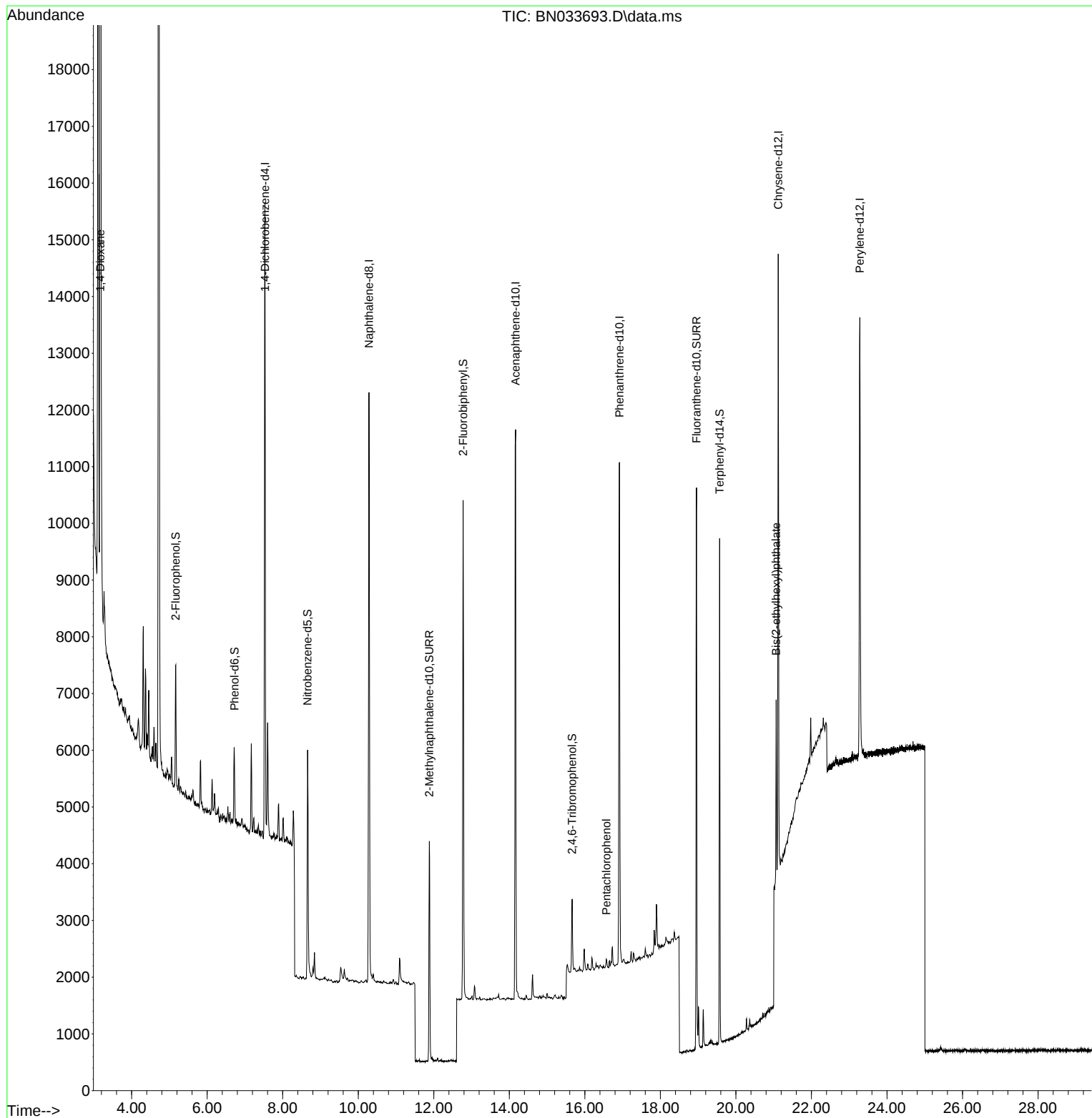
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.530  | 152  | 5391     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.282 | 136  | 13783    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.167 | 164  | 6302     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.917 | 188  | 12316    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.121 | 240  | 9355     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.279 | 264  | 10118    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.169  | 112  | 1655     | 0.102 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.721  | 99   | 1159     | 0.060 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.659  | 82   | 3157     | 0.275 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.884 | 152  | 5376     | 0.277 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.663 | 330  | 757      | 0.250 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.777 | 172  | 7498     | 0.282 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.956 | 212  | 11041    | 0.363 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.569 | 244  | 8039     | 0.406 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.175  | 88   | 42791    | 6.831 | ng    | 99       |
| 24) Pentachlorophenol         | 16.569 | 266  | 97       | 0.026 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.067 | 149  | 8315     | 0.445 | ng    | # 62     |
| -----                         |        |      |          |       |       |          |

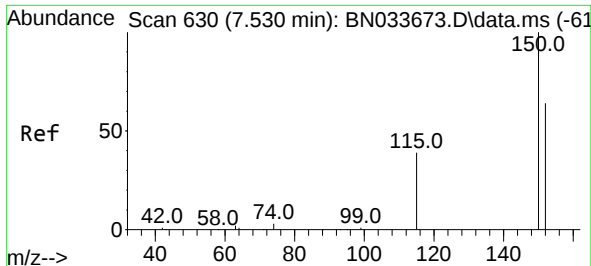
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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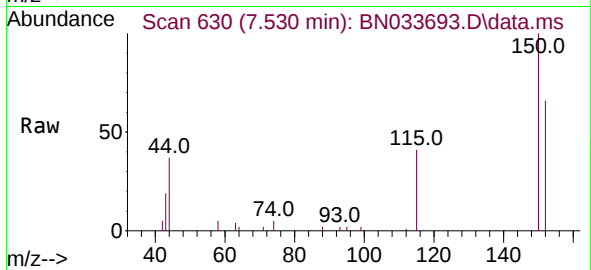
Quant Time: Aug 30 07:09:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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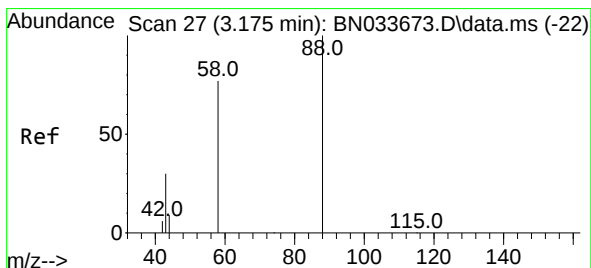
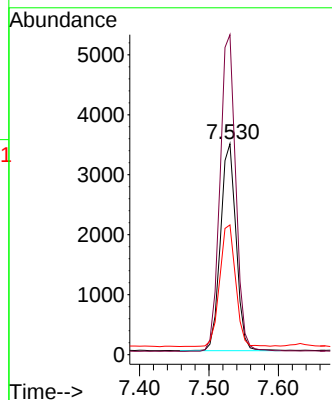
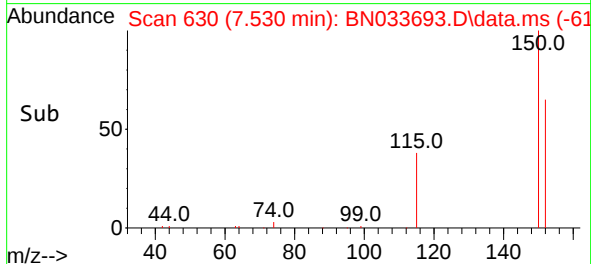


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.530 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN033693.D  
 Acq: 30 Aug 2024 06:41

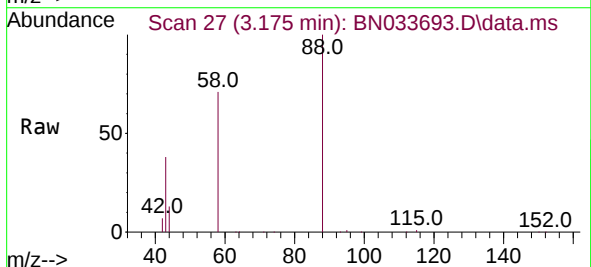
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-10B-42.5-082724



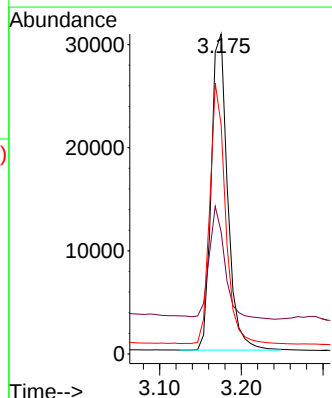
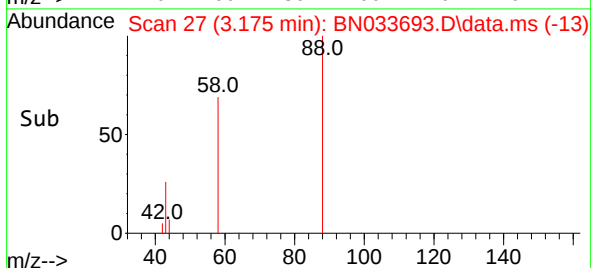
Tgt Ion:152 Resp: 5391  
 Ion Ratio Lower Upper  
 152 100  
 150 151.7 123.4 185.0  
 115 61.5 51.3 76.9

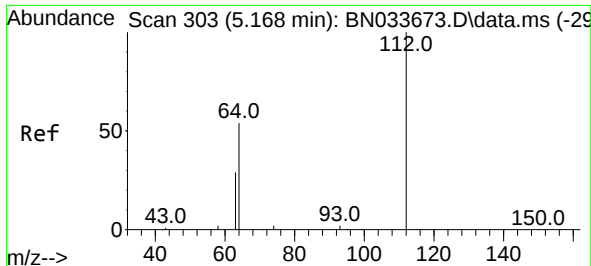


#2  
 1,4-Dioxane  
 Concen: 6.831 ng  
 RT: 3.175 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: BN033693.D  
 Acq: 30 Aug 2024 06:41



Tgt Ion: 88 Resp: 42791  
 Ion Ratio Lower Upper  
 88 100  
 43 34.5 26.8 40.2  
 58 78.4 63.4 95.0

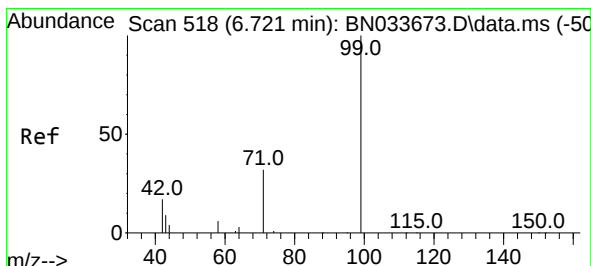
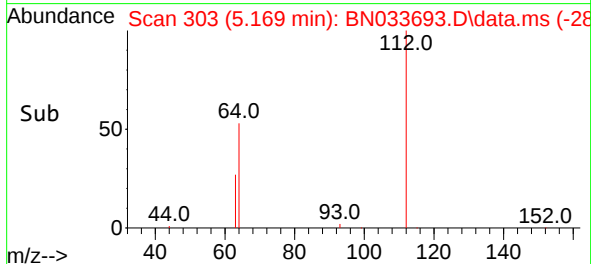
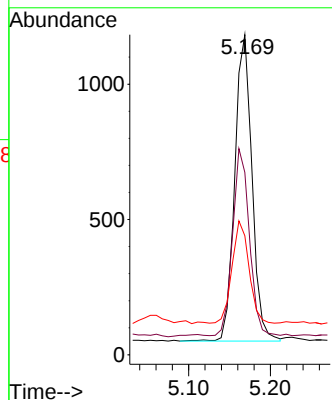
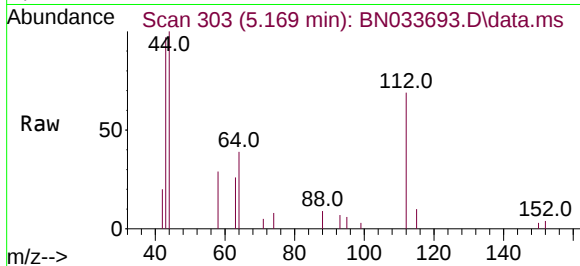




#4  
2-Fluorophenol  
Concen: 0.102 ng  
RT: 5.169 min Scan# 303  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

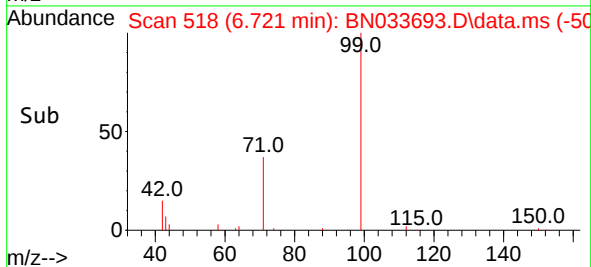
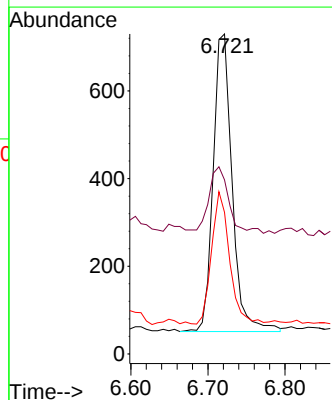
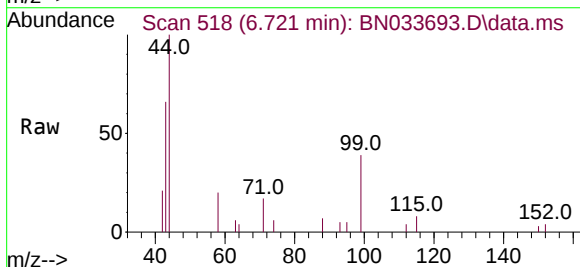
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BNA\_N  
ClientSampleId :  
MW-10B-42.5-082724

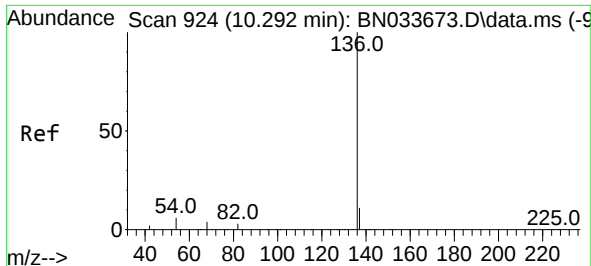
Tgt Ion: 112 Resp: 1655  
Ion Ratio Lower Upper  
112 100  
64 59.3 48.6 72.8  
63 32.7 26.6 39.8



#5  
Phenol-d6  
Concen: 0.060 ng  
RT: 6.721 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

Tgt Ion: 99 Resp: 1159  
Ion Ratio Lower Upper  
99 100  
42 23.6 17.8 26.8  
71 41.8 28.0 42.0

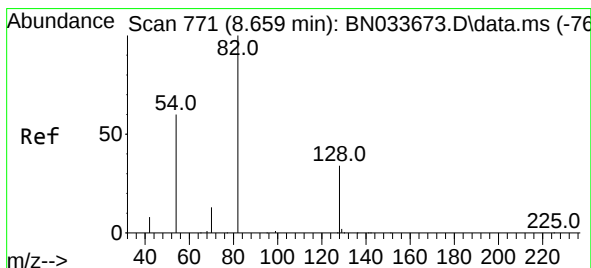
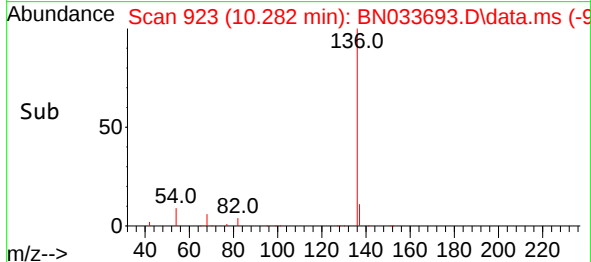
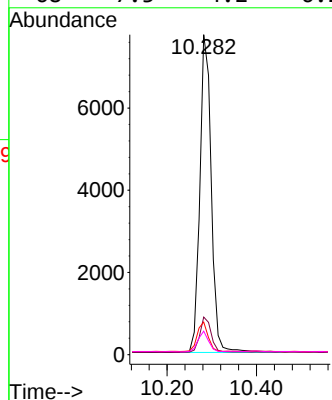
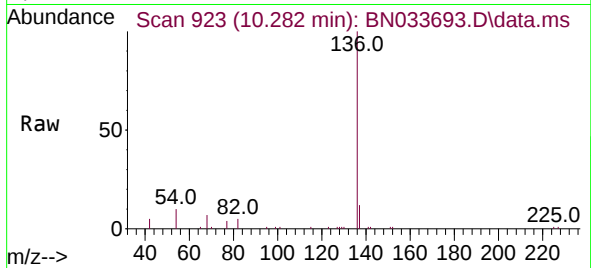




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.282 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

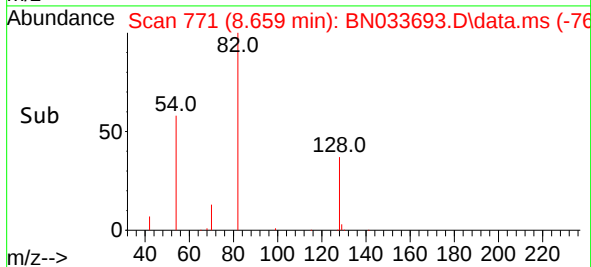
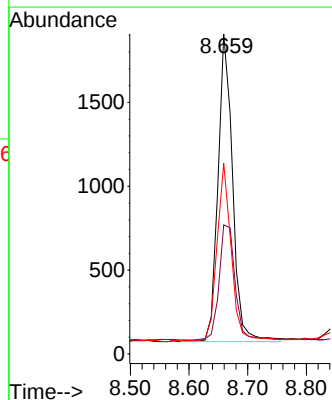
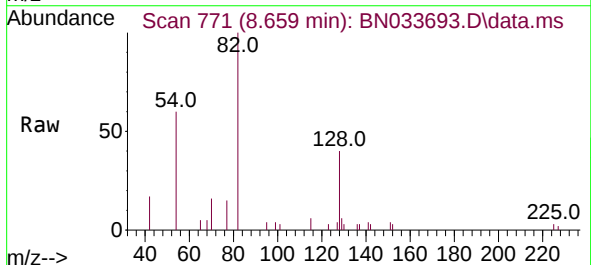
Instrument :  
BNA\_N  
ClientSampleId :  
MW-10B-42.5-082724

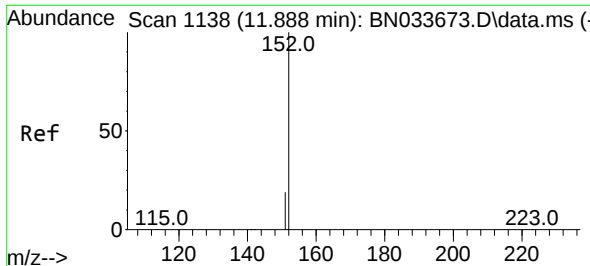
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 13783 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.7  | 9.1   | 13.7  |
| 54        | 10.2  | 5.8   | 8.6#  |
| 68        | 7.3   | 4.2   | 6.2#  |



#8  
Nitrobenzene-d5  
Concen: 0.275 ng  
RT: 8.659 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3157 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.4  | 29.3  | 43.9 |
| 54        | 59.6  | 49.4  | 74.0 |

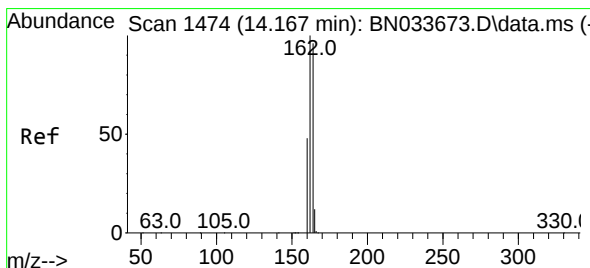
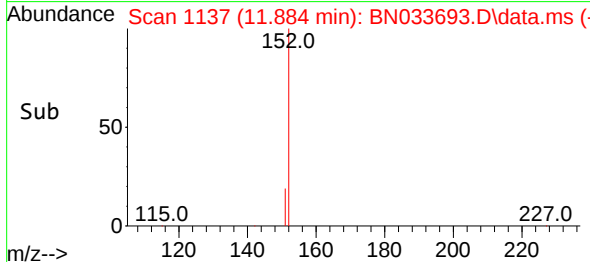
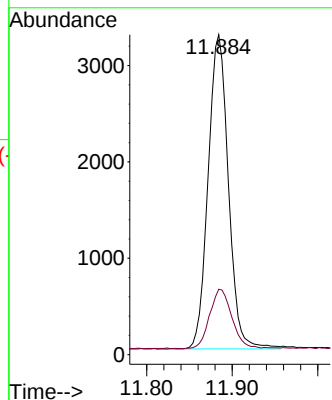
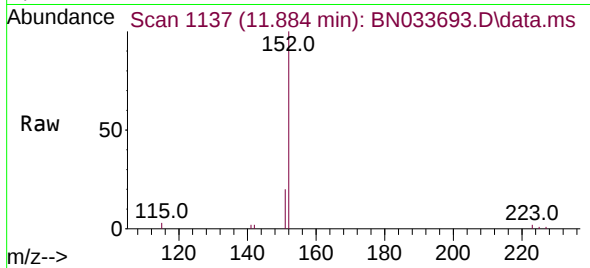




#11  
2-Methylnaphthalene-d10  
Concen: 0.277 ng  
RT: 11.884 min Scan# 1138  
Delta R.T. -0.003 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

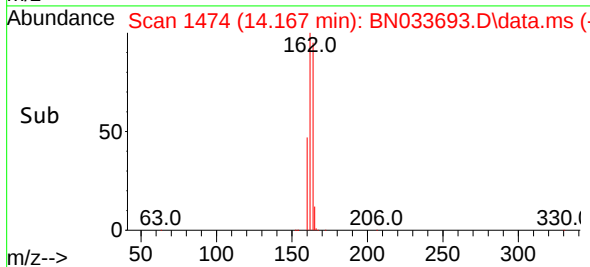
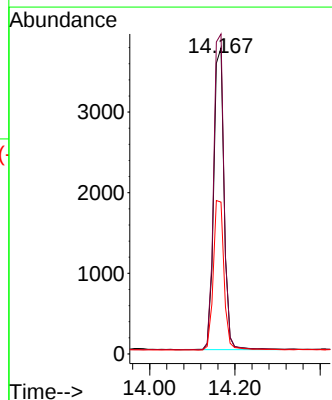
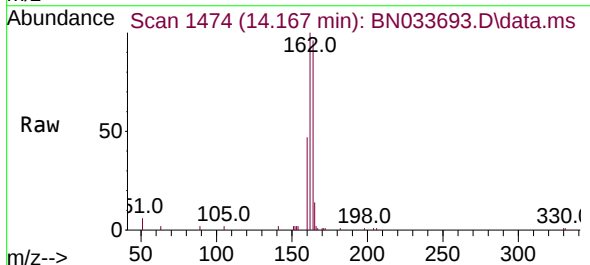
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ClientSampleId :  
MW-10B-42.5-082724

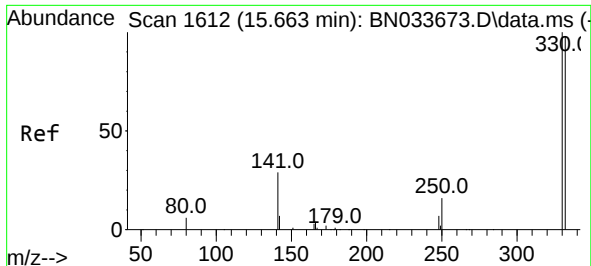
Tgt Ion:152 Resp: 5376  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.167 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

Tgt Ion:164 Resp: 6302  
Ion Ratio Lower Upper  
164 100  
162 104.6 83.4 125.2  
160 49.6 40.2 60.2

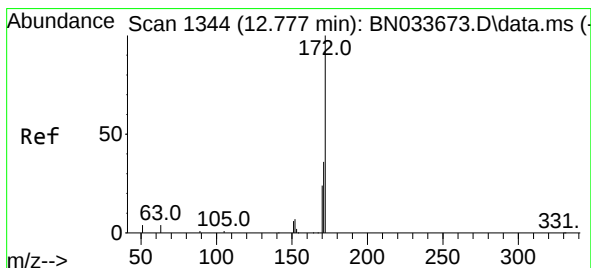
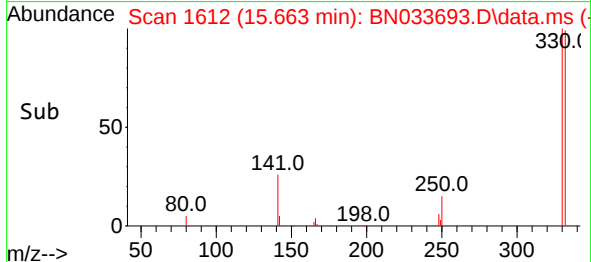
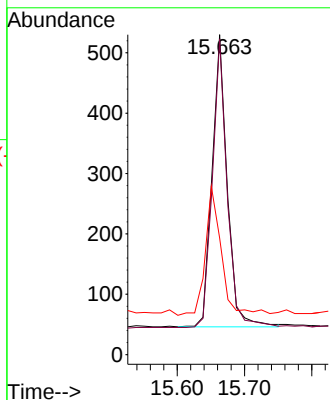
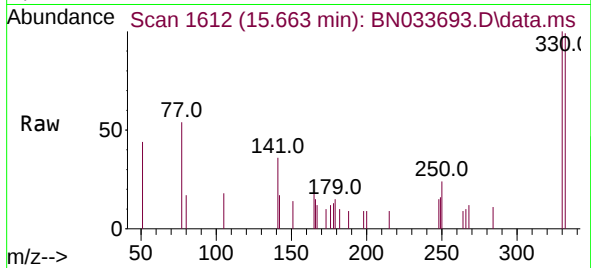




#14  
2,4,6-Tribromophenol  
Concen: 0.250 ng  
RT: 15.663 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

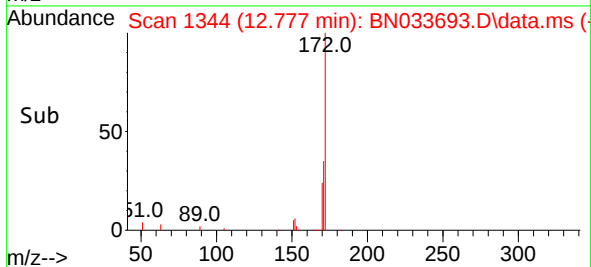
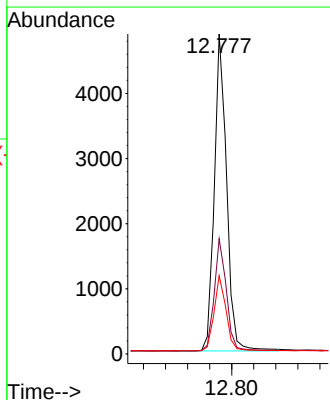
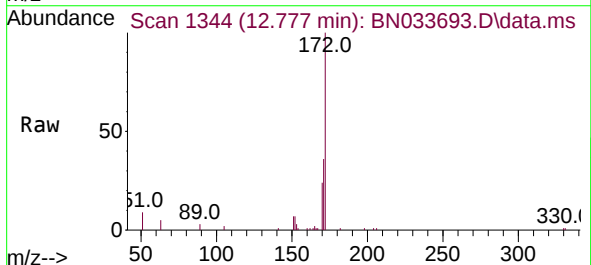
Instrument :  
BNA\_N  
ClientSampleId :  
MW-10B-42.5-082724

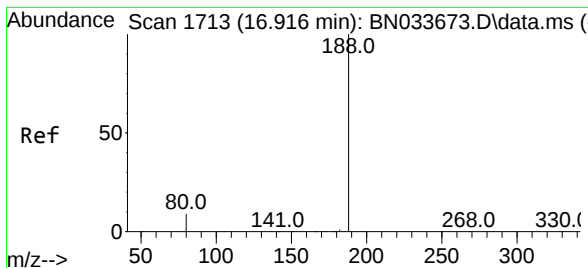
Tgt Ion: 330 Resp: 757  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.6 118.0  
141 46.5 35.0 52.6



#15  
2-Fluorobiphenyl  
Concen: 0.282 ng  
RT: 12.777 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

Tgt Ion: 172 Resp: 7498  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.2 43.8  
170 24.5 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.917 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033693.D

Acq: 30 Aug 2024 06:41

Instrument :

BNA\_N

ClientSampleId :

MW-10B-42.5-082724

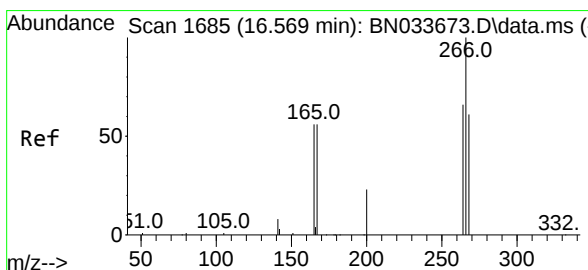
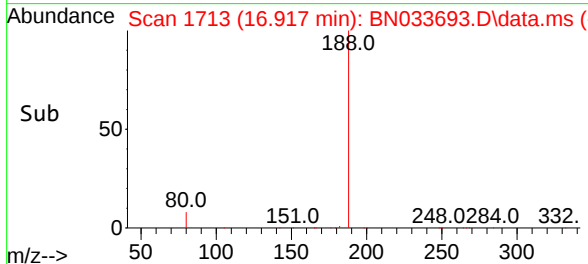
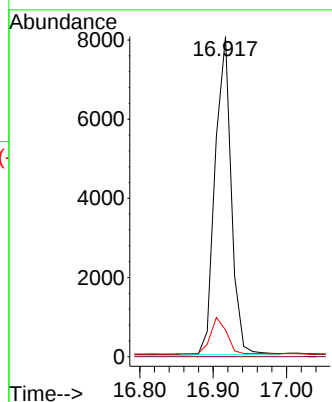
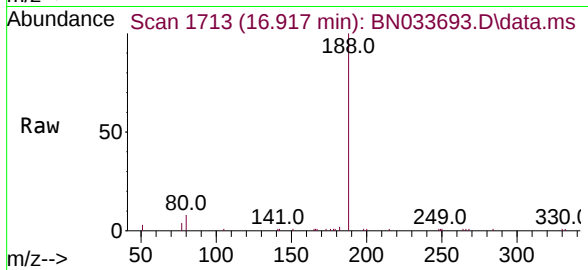
Tgt Ion:188 Resp: 12316

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.4 11.0



#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.569 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN033693.D

Acq: 30 Aug 2024 06:41

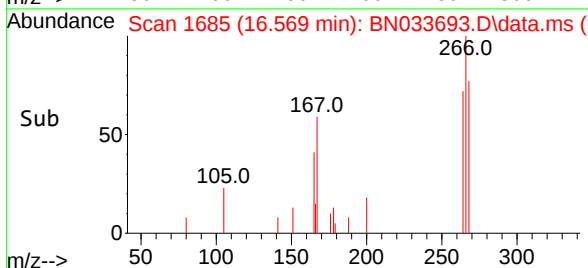
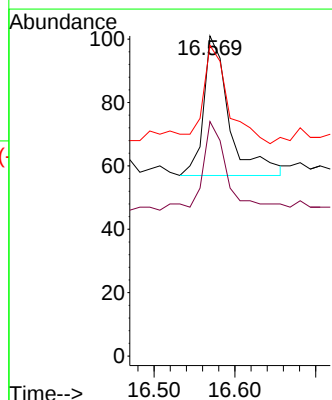
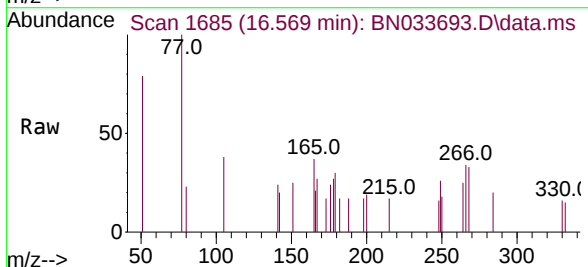
Tgt Ion:266 Resp: 97

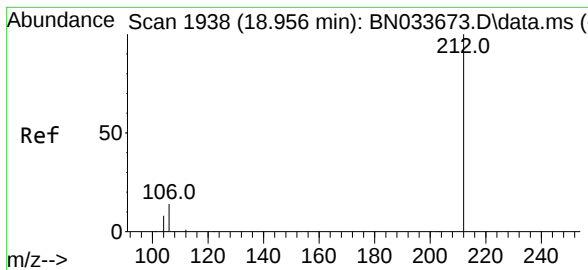
Ion Ratio Lower Upper

266 100

264 62.9 51.4 77.2

268 69.1 51.9 77.9

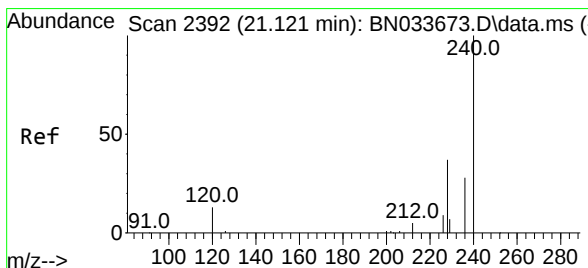
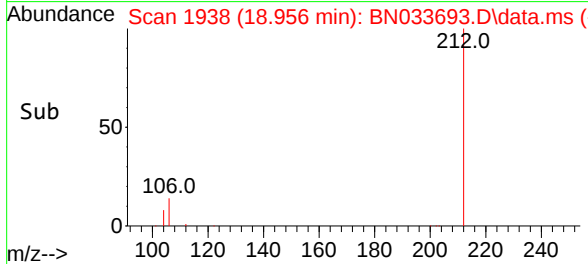
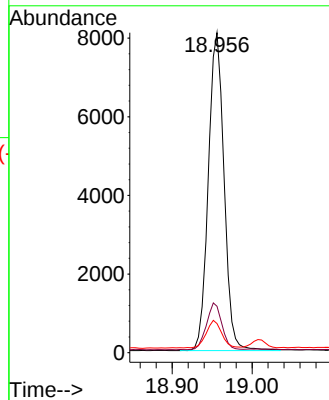
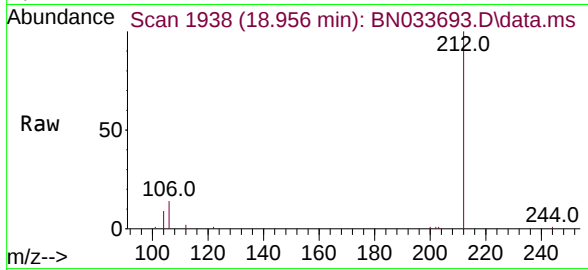




#27  
Fluoranthene-d10  
Concen: 0.363 ng  
RT: 18.956 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

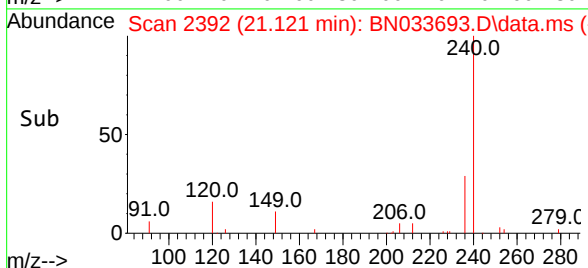
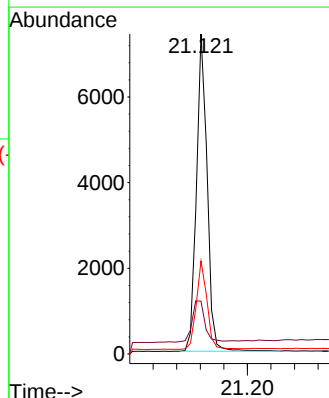
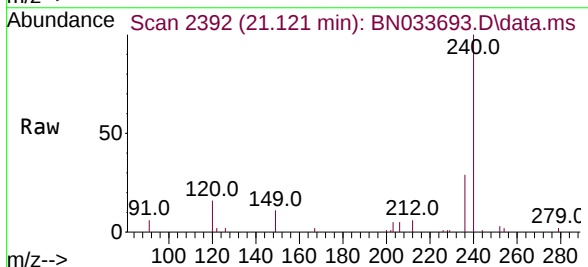
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BNA\_N  
ClientSampleId :  
MW-10B-42.5-082724

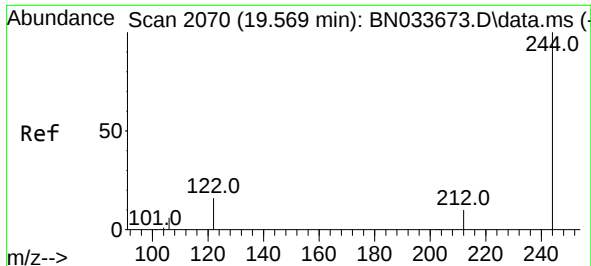
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 11041 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 14.6  | 11.8  | 17.6  |
| 104      | 8.4   | 6.9   | 10.3  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.121 min Scan# 2392  
Delta R.T. 0.000 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 9355  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 16.5  | 13.3  | 19.9  |
| 236      | 29.0  | 23.4  | 35.2  |

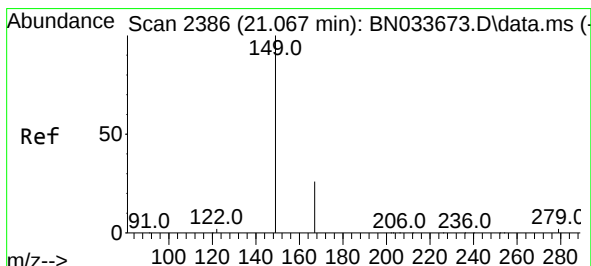
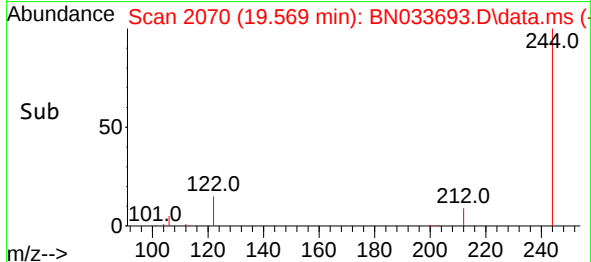
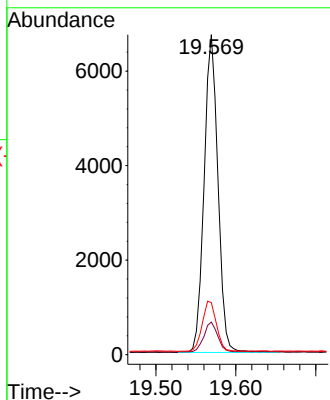
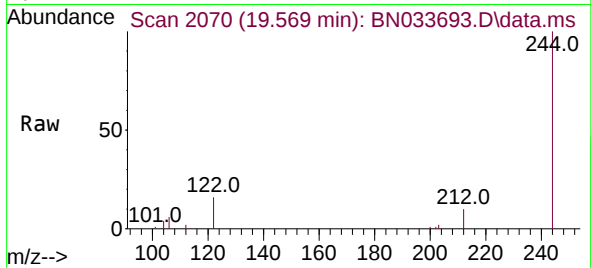




#31  
 Terphenyl-d14  
 Concen: 0.406 ng  
 RT: 19.569 min Scan# 2070  
 Delta R.T. 0.000 min  
 Lab File: BN033693.D  
 Acq: 30 Aug 2024 06:41

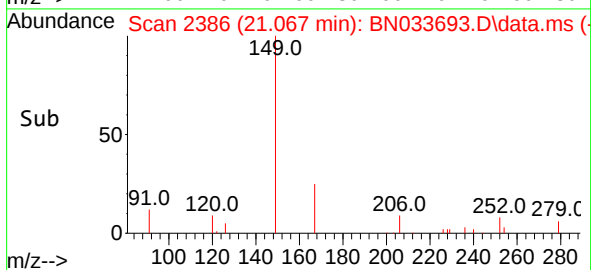
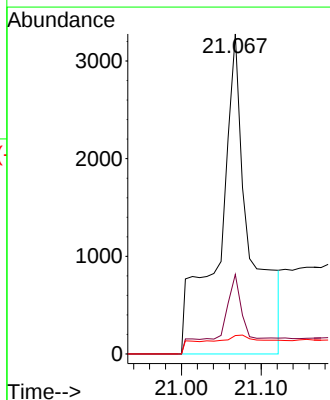
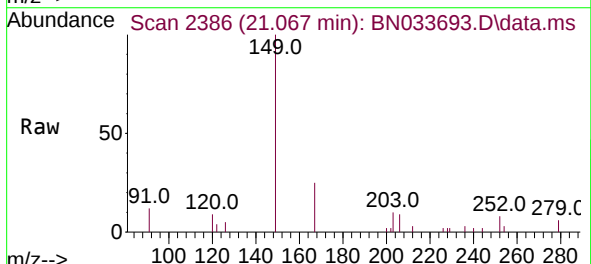
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-10B-42.5-082724

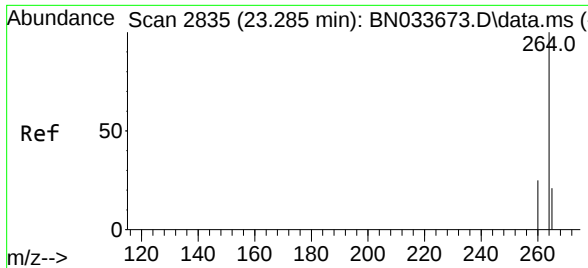
Tgt Ion:244 Resp: 8039  
 Ion Ratio Lower Upper  
 244 100  
 212 10.2 8.2 12.4  
 122 16.3 13.6 20.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.445 ng  
 RT: 21.067 min Scan# 2386  
 Delta R.T. 0.000 min  
 Lab File: BN033693.D  
 Acq: 30 Aug 2024 06:41

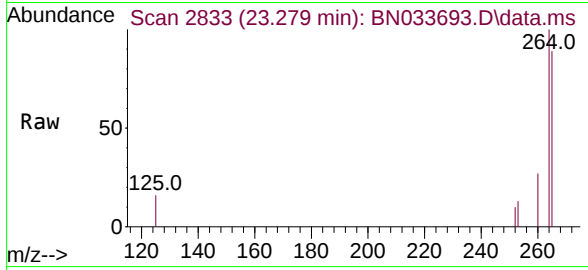
Tgt Ion:149 Resp: 8315  
 Ion Ratio Lower Upper  
 149 100  
 167 10.5 28.3 42.5#  
 279 3.2 4.2 6.2#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.279 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN033693.D  
Acq: 30 Aug 2024 06:41

Instrument :  
BNA\_N  
ClientSampleId :  
MW-10B-42.5-082724



Tgt Ion:264 Resp: 10118

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.6  | 20.7  | 31.1  |
| 265 | 89.4  | 69.9  | 104.9 |

