

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090924\  
 Data File : BN033833.D  
 Acq On : 10 Sep 2024 01:07  
 Operator : MA/JU  
 Sample : P3886-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-01-190-090624

Quant Time: Sep 10 03:20:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 18:36:01 2024  
 Response via : Initial Calibration

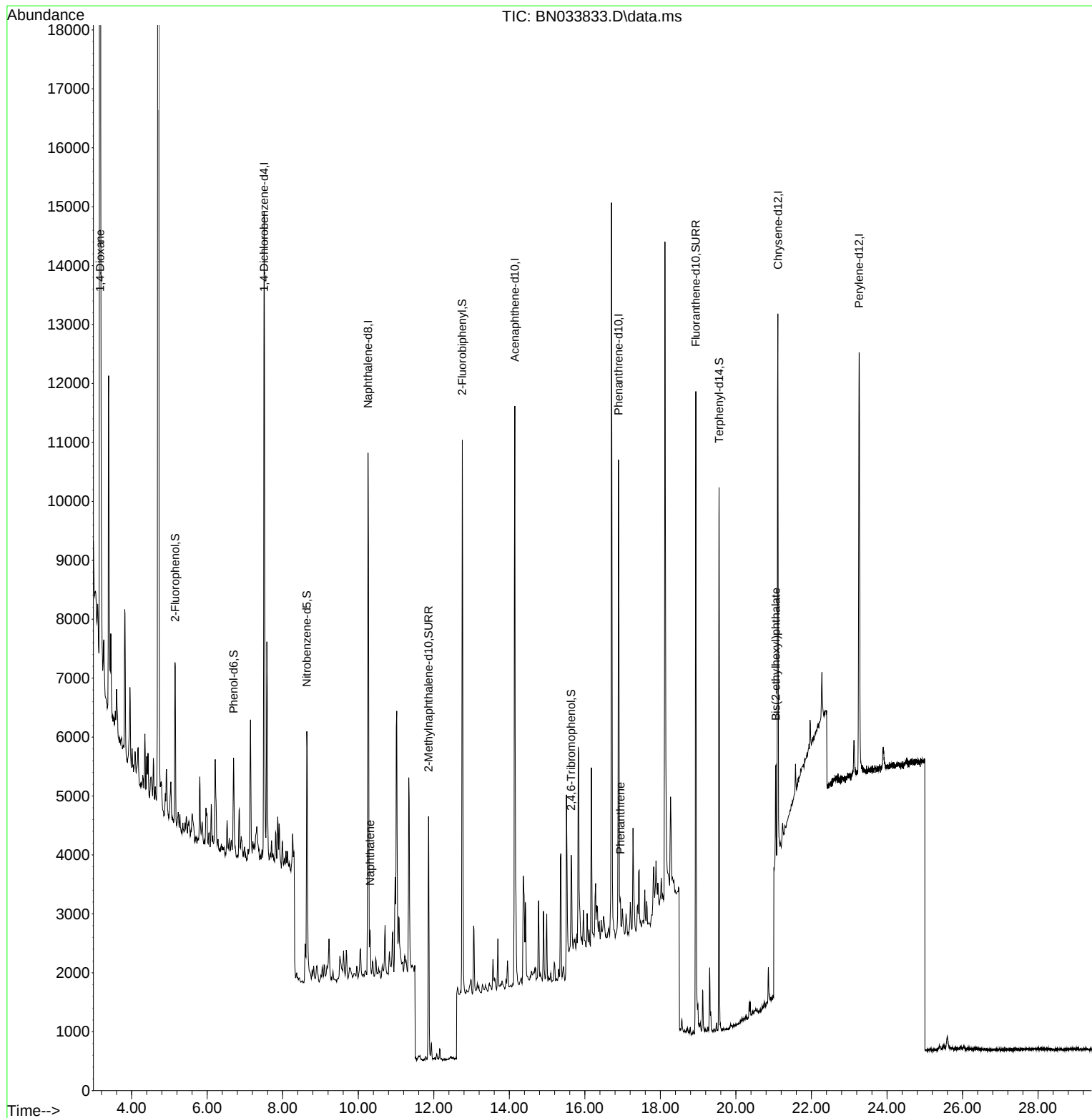
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.509  | 152  | 4607     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.261 | 136  | 11637    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.146 | 164  | 5507     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.892 | 188  | 10854    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.112 | 240  | 8445     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.262 | 264  | 9146     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.154  | 112  | 1884     | 0.134 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.700  | 99   | 1350     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.638  | 82   | 3582     | 0.362 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.862 | 152  | 5496     | 0.334 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.638 | 330  | 950      | 0.342 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.756 | 172  | 7753     | 0.338 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.938 | 212  | 11673    | 0.436 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.555 | 244  | 8359     | 0.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 33309    | 6.355 | ng    | 99       |
| 9) Naphthalene                | 10.314 | 128  | 910      | 0.029 | ng    | # 76     |
| 25) Phenanthrene              | 16.942 | 178  | 721      | 0.024 | ng    | # 93     |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149  | 1642     | 0.100 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

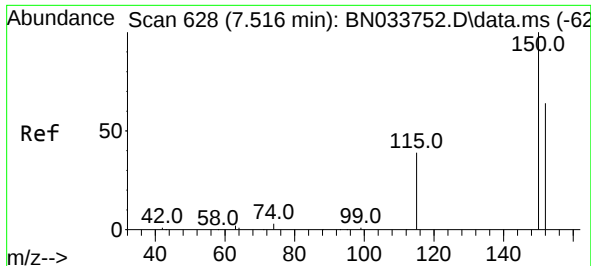
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090924\  
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BR-01-190-090624

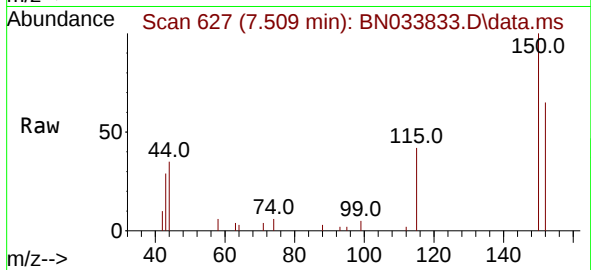
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 04 18:36:01 2024  
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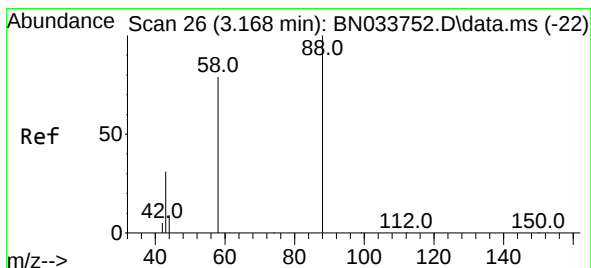
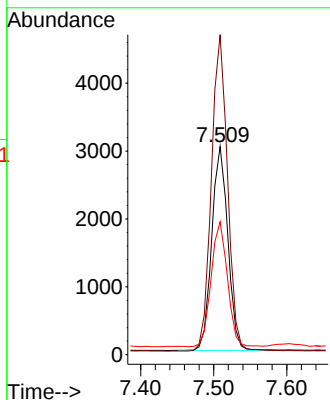
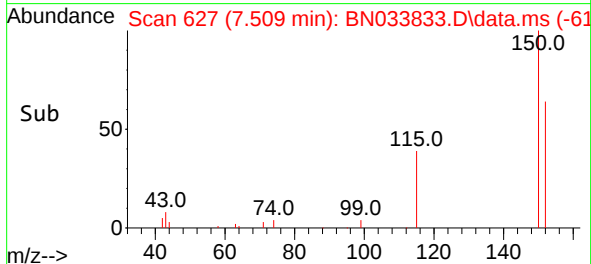


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.509 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Instrument :  
BNA\_N  
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BR-01-190-090624

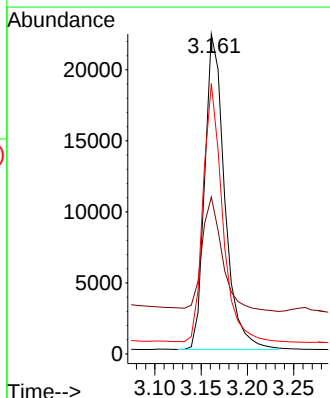
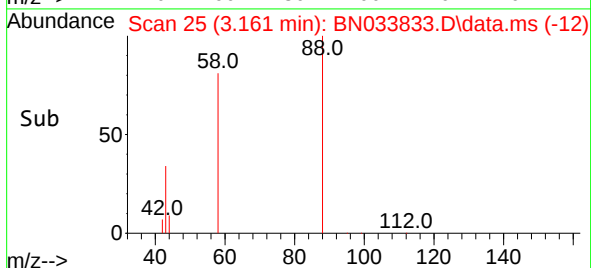
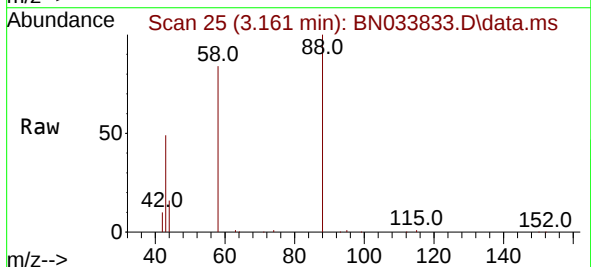


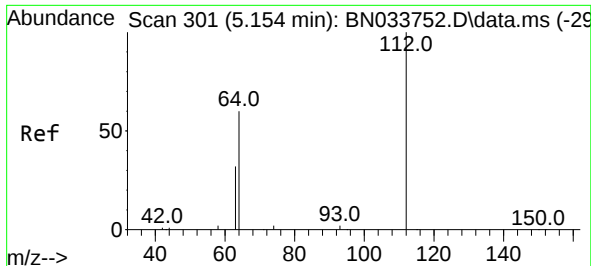
Tgt Ion:152 Resp: 4607  
Ion Ratio Lower Upper  
152 100  
150 153.7 123.3 184.9  
115 63.9 51.0 76.4



#2  
1,4-Dioxane  
Concen: 6.355 ng  
RT: 3.161 min Scan# 25  
Delta R.T. -0.007 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion: 88 Resp: 33309  
Ion Ratio Lower Upper  
88 100  
43 37.0 29.0 43.4  
58 79.2 64.1 96.1

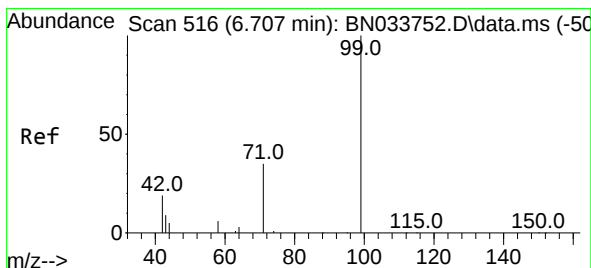
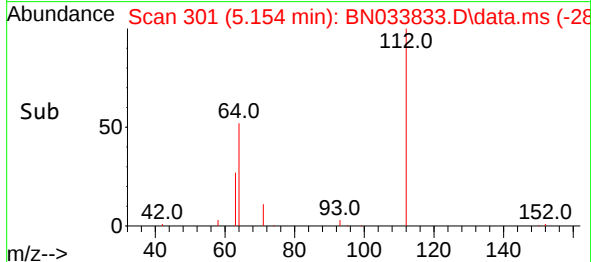
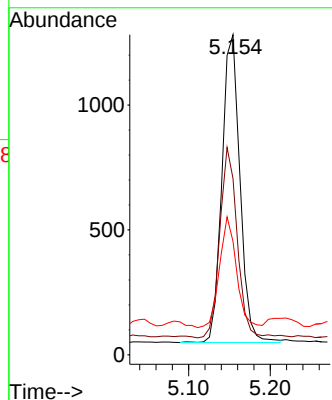
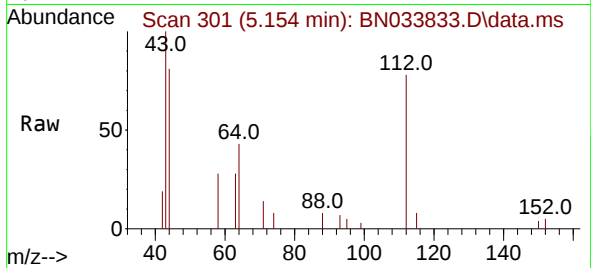




#4  
2-Fluorophenol  
Concen: 0.134 ng  
RT: 5.154 min Scan# 301  
Delta R.T. -0.000 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

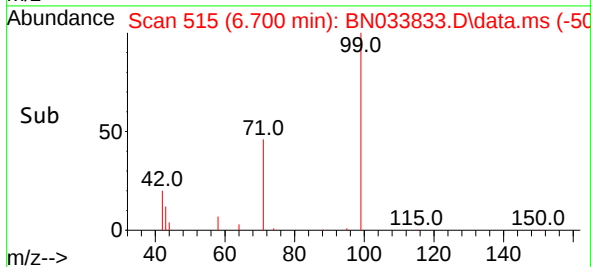
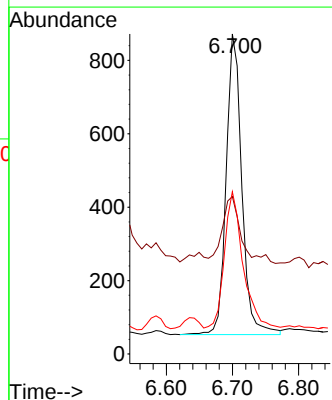
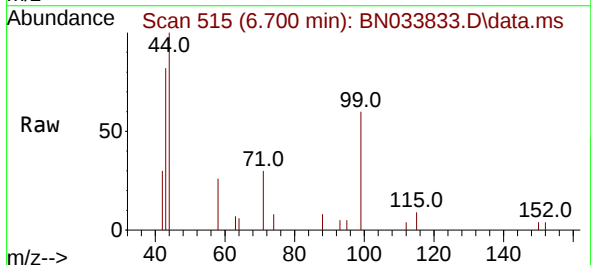
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BNA\_N  
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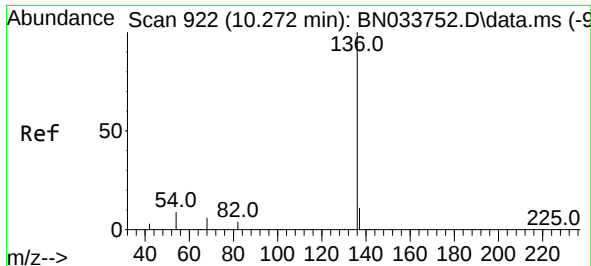
Tgt Ion: 112 Resp: 1884  
Ion Ratio Lower Upper  
112 100  
64 60.3 47.6 71.4  
63 33.7 25.9 38.9



#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 6.700 min Scan# 515  
Delta R.T. -0.007 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion: 99 Resp: 1350  
Ion Ratio Lower Upper  
99 100  
42 26.6 18.0 27.0  
71 53.6 28.7 43.1#

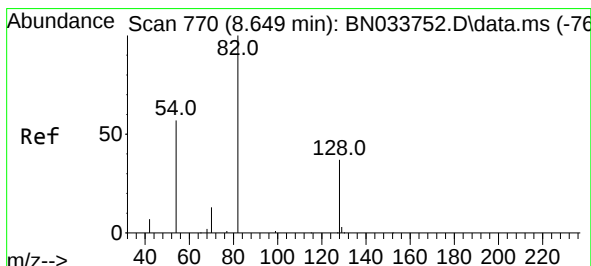
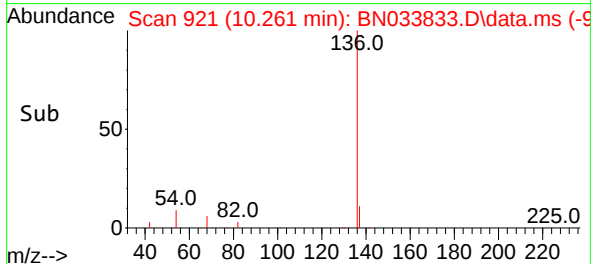
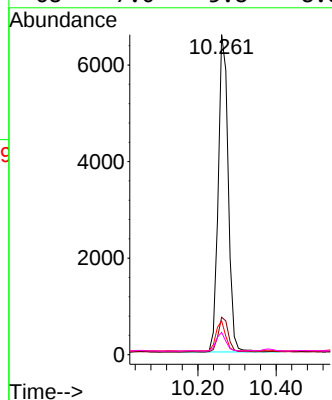
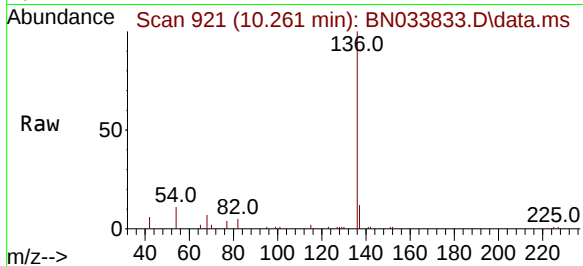




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.261 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

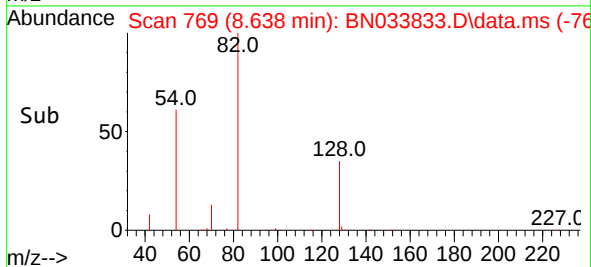
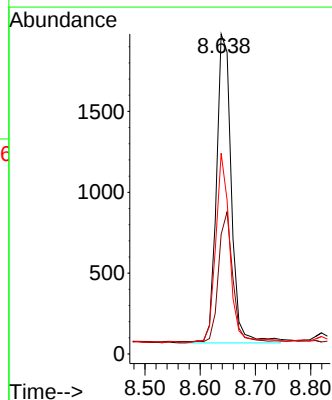
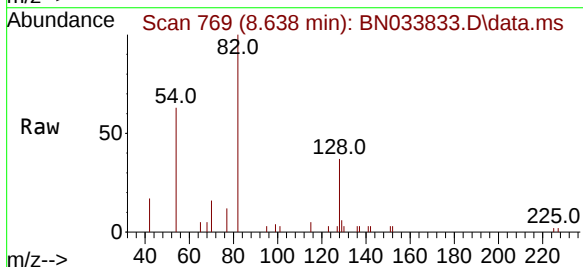
Instrument :  
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BR-01-190-090624

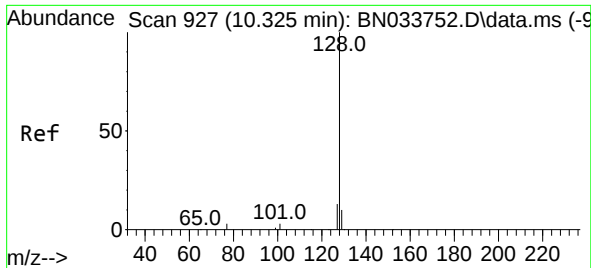
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 11637    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.7  | 9.0 13.4 |
| 54          | 10.6  | 8.1 12.1 |
| 68          | 7.0   | 5.8 8.8  |



#8  
Nitrobenzene-d5  
Concen: 0.362 ng  
RT: 8.638 min Scan# 769  
Delta R.T. -0.011 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3582      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 37.4  | 31.3 46.9 |
| 54          | 62.7  | 46.9 70.3 |

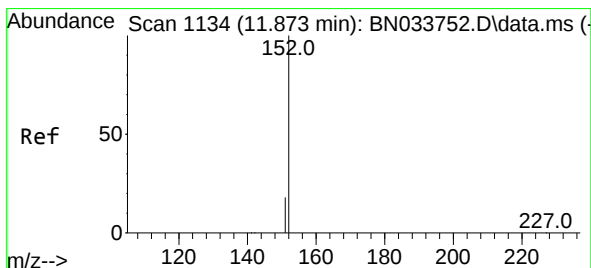
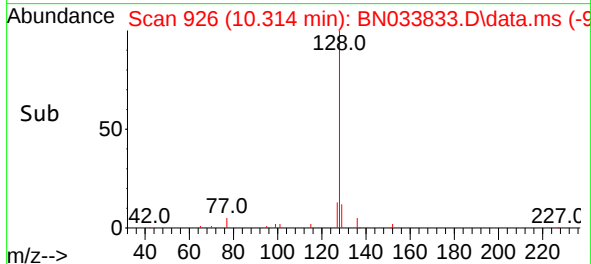
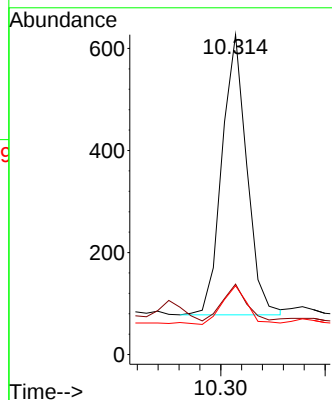
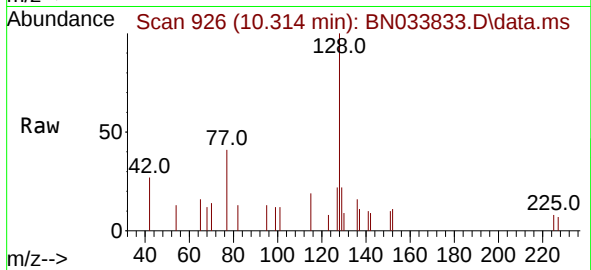




#9  
Naphthalene  
Concen: 0.029 ng  
RT: 10.314 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

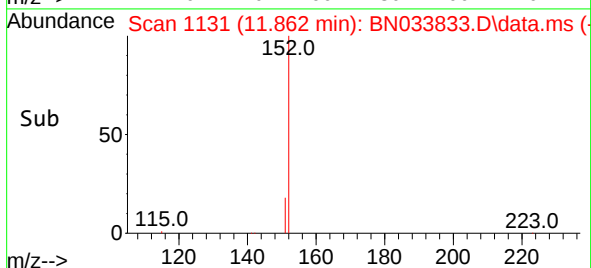
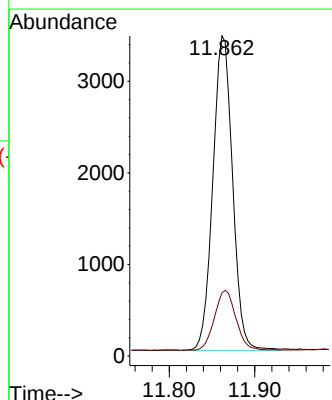
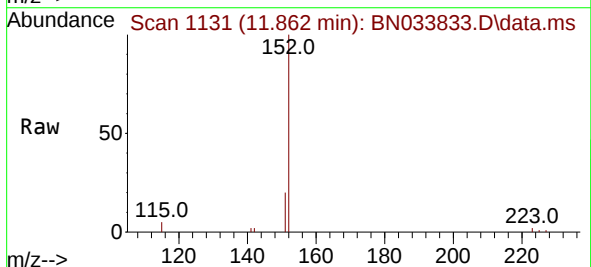
Instrument :  
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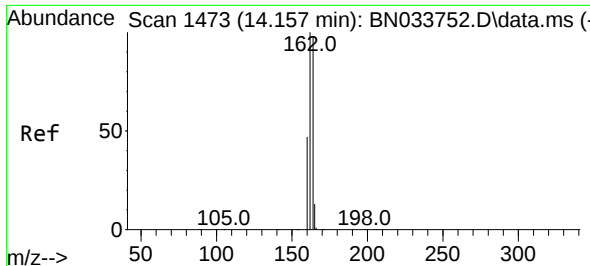
Tgt Ion:128 Resp: 910  
Ion Ratio Lower Upper  
128 100  
129 22.0 8.9 13.3#  
127 21.5 10.8 16.2#



#11  
2-Methylnaphthalene-d10  
Concen: 0.334 ng  
RT: 11.862 min Scan# 1131  
Delta R.T. -0.012 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion:152 Resp: 5496  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.7 25.1

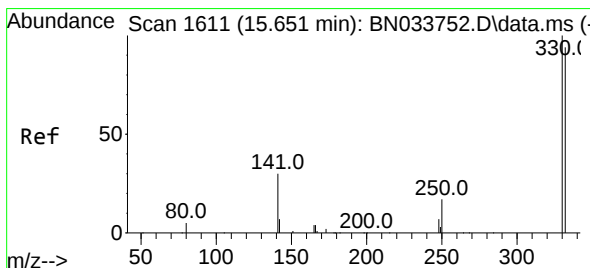
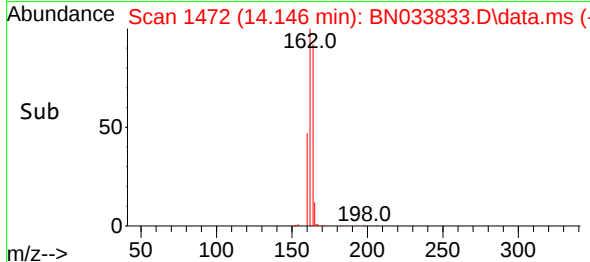
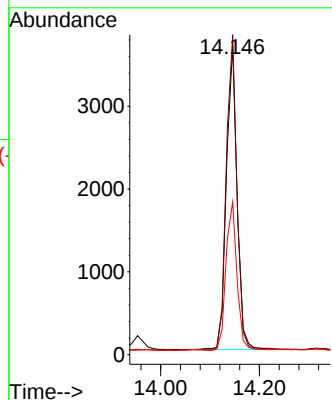
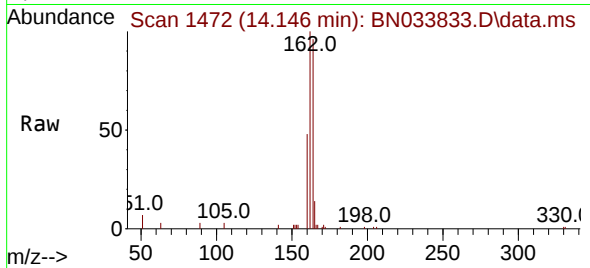




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.146 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

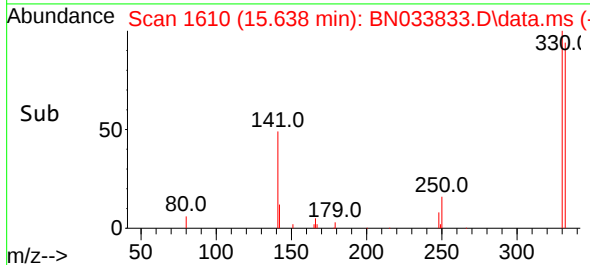
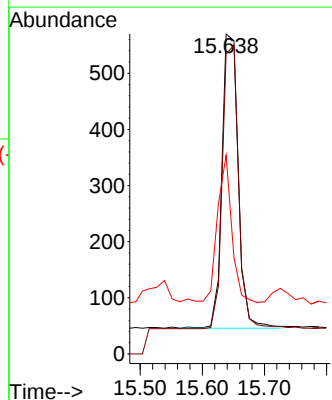
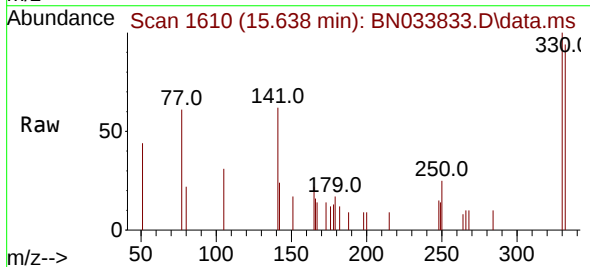
Instrument :  
BNA\_N  
ClientSampleId :  
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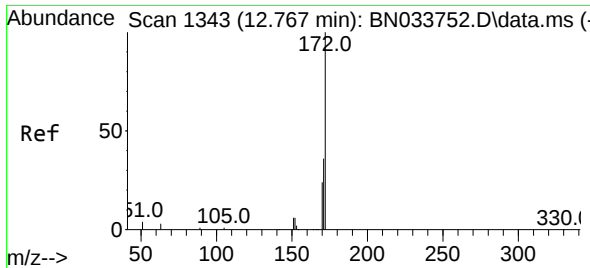
Tgt Ion:164 Resp: 5507  
Ion Ratio Lower Upper  
164 100  
162 103.7 82.0 123.0  
160 49.4 39.1 58.7



#14  
2,4,6-Tribromophenol  
Concen: 0.342 ng  
RT: 15.638 min Scan# 1610  
Delta R.T. -0.013 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion:330 Resp: 950  
Ion Ratio Lower Upper  
330 100  
332 95.7 74.2 111.4  
141 43.8 33.9 50.9

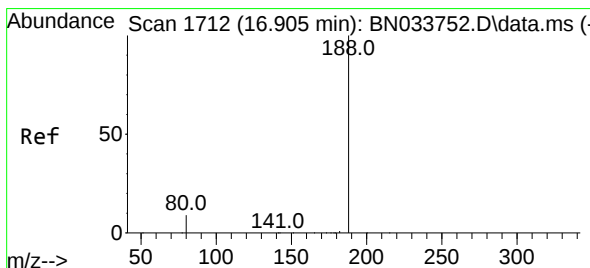
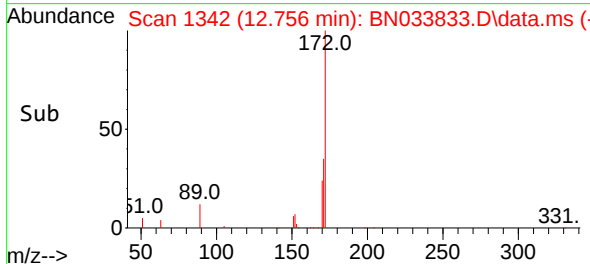
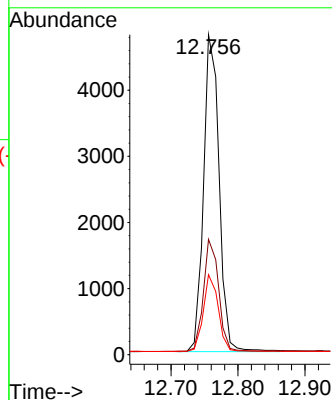
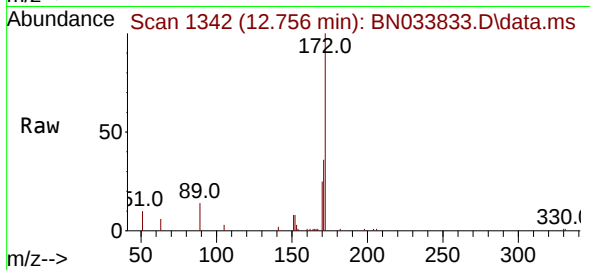




#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 12.756 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

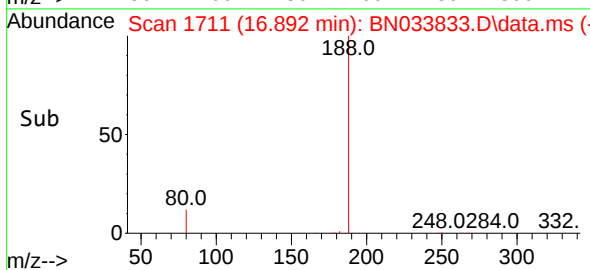
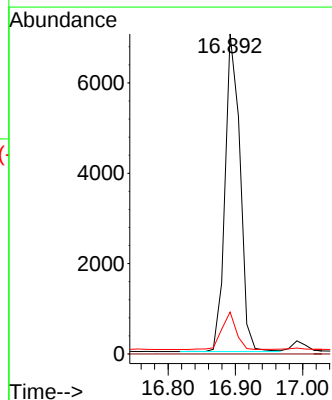
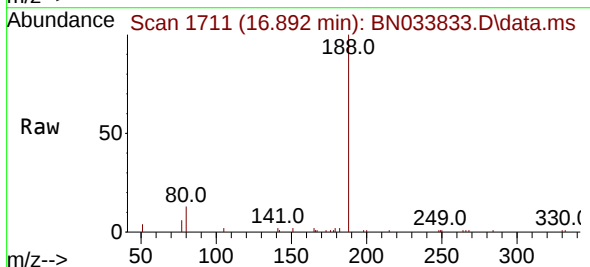
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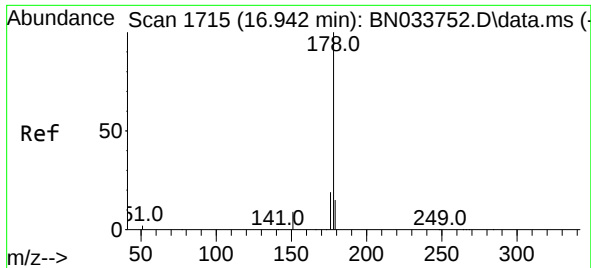
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 7753  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.1  | 28.8  | 43.2  |
| 170      | 25.0  | 19.7  | 29.5  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.892 min Scan# 1711  
Delta R.T. -0.013 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 10854 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 13.1  | 7.9   | 11.9  |

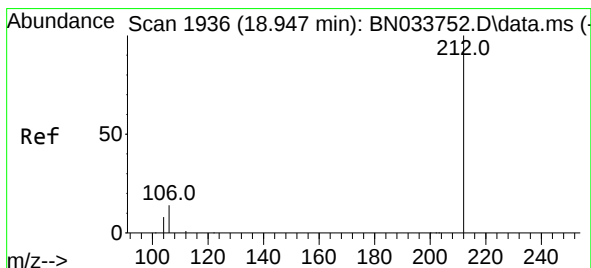
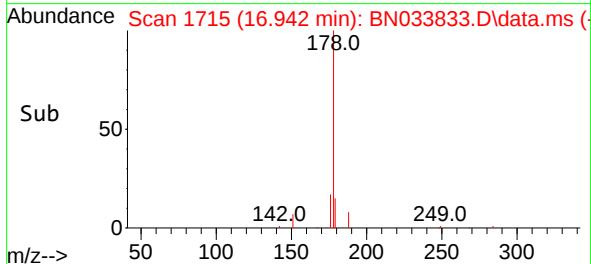
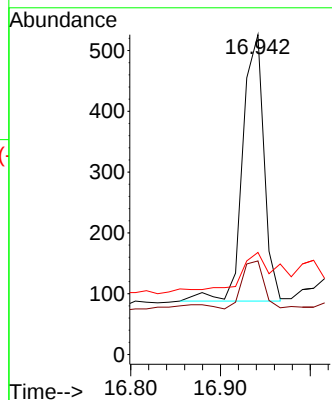
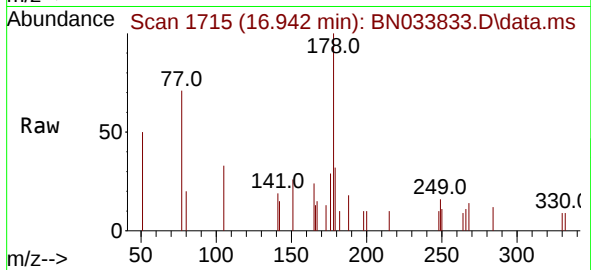




#25  
Phenanthrene  
Concen: 0.024 ng  
RT: 16.942 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

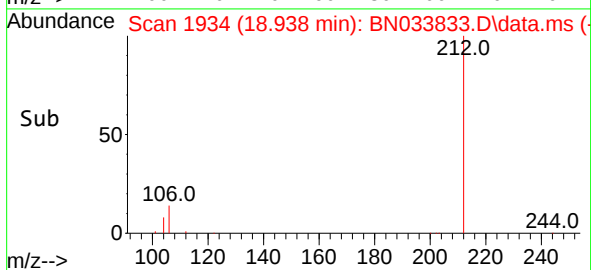
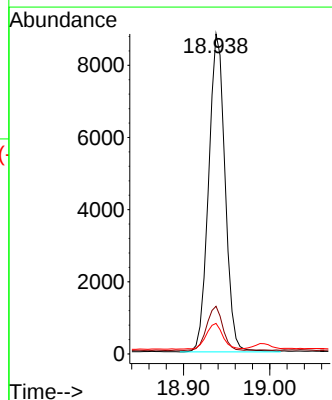
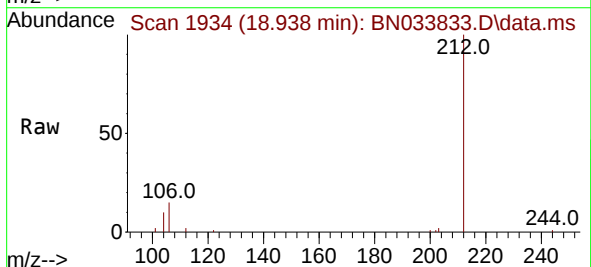
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-190-090624

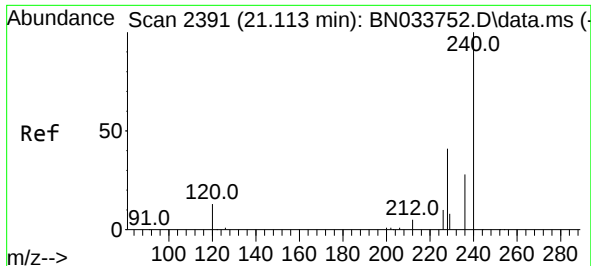
Tgt Ion:178 Resp: 721  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.0  
179 21.5 12.2 18.4#



#27  
Fluoranthene-d10  
Concen: 0.436 ng  
RT: 18.938 min Scan# 1934  
Delta R.T. -0.009 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion:212 Resp: 11673  
Ion Ratio Lower Upper  
212 100  
106 13.6 11.5 17.3  
104 8.1 6.6 9.8

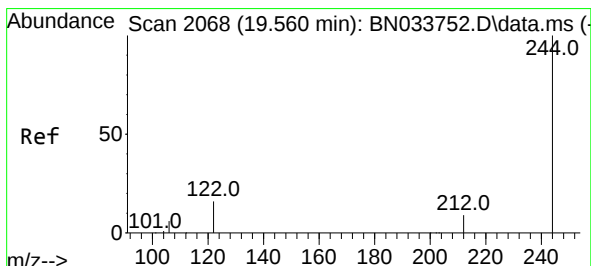
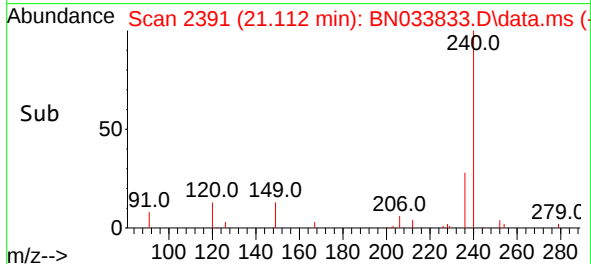
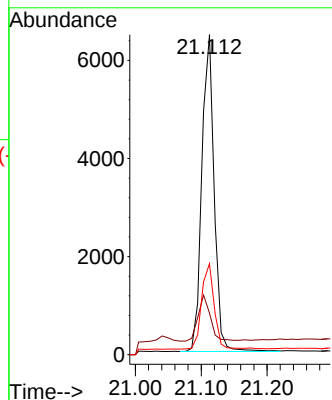
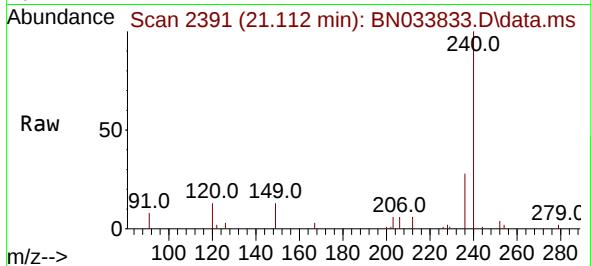




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.112 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

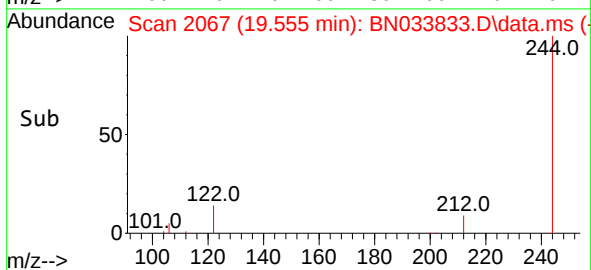
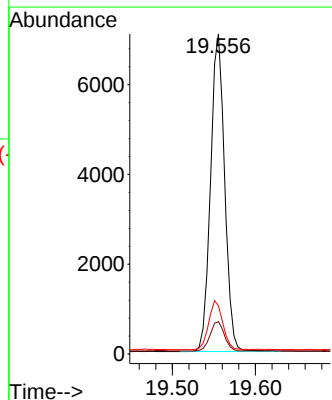
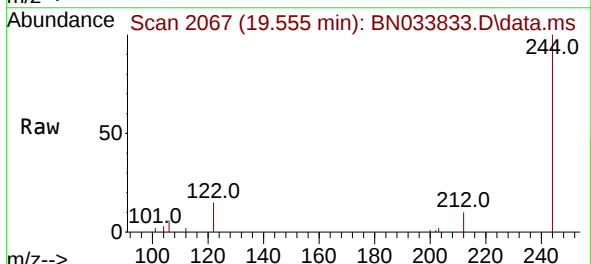
Instrument :  
BNA\_N  
ClientSampleId :  
BR-01-190-090624

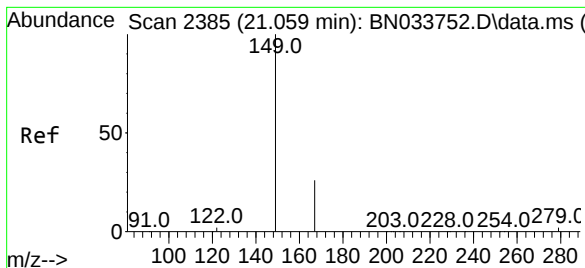
Tgt Ion:240 Resp: 8445  
Ion Ratio Lower Upper  
240 100  
120 13.0 13.7 20.5#  
236 28.5 23.4 35.2



#31  
Terphenyl-d14  
Concen: 0.464 ng  
RT: 19.555 min Scan# 2067  
Delta R.T. -0.005 min  
Lab File: BN033833.D  
Acq: 10 Sep 2024 01:07

Tgt Ion:244 Resp: 8359  
Ion Ratio Lower Upper  
244 100  
212 10.1 7.9 11.9  
122 15.0 13.2 19.8

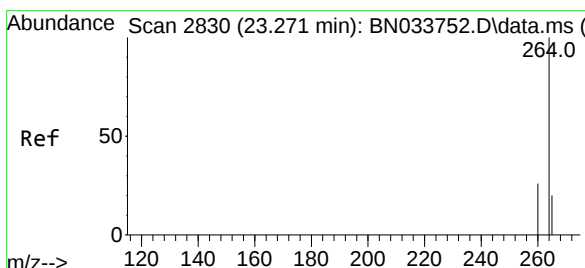
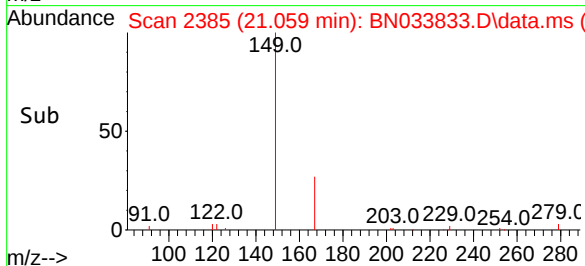
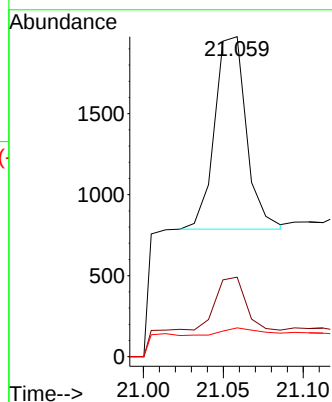
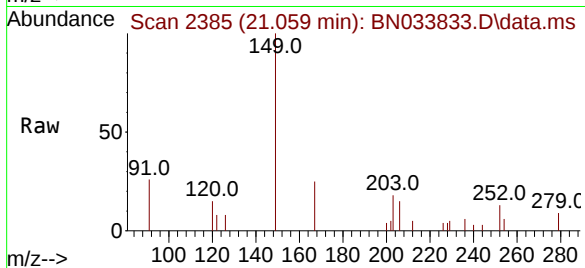




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.100 ng  
 RT: 21.059 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN033833.D  
 Acq: 10 Sep 2024 01:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BR-01-190-090624

Tgt Ion:149 Resp: 1642  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 21.0 31.4  
 279 4.8 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.262 min Scan# 2827  
 Delta R.T. -0.009 min  
 Lab File: BN033833.D  
 Acq: 10 Sep 2024 01:07

Tgt Ion:264 Resp: 9146  
 Ion Ratio Lower Upper  
 264 100  
 260 26.5 21.1 31.7  
 265 87.5 72.0 108.0

