

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016652.D  
 Acq On : 02 Oct 2021 02:11  
 Operator : CG/JU  
 Sample : PB139433BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139433BL

Quant Time: Oct 02 04:17:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 13:35:26 2021  
 Response via : Initial Calibration

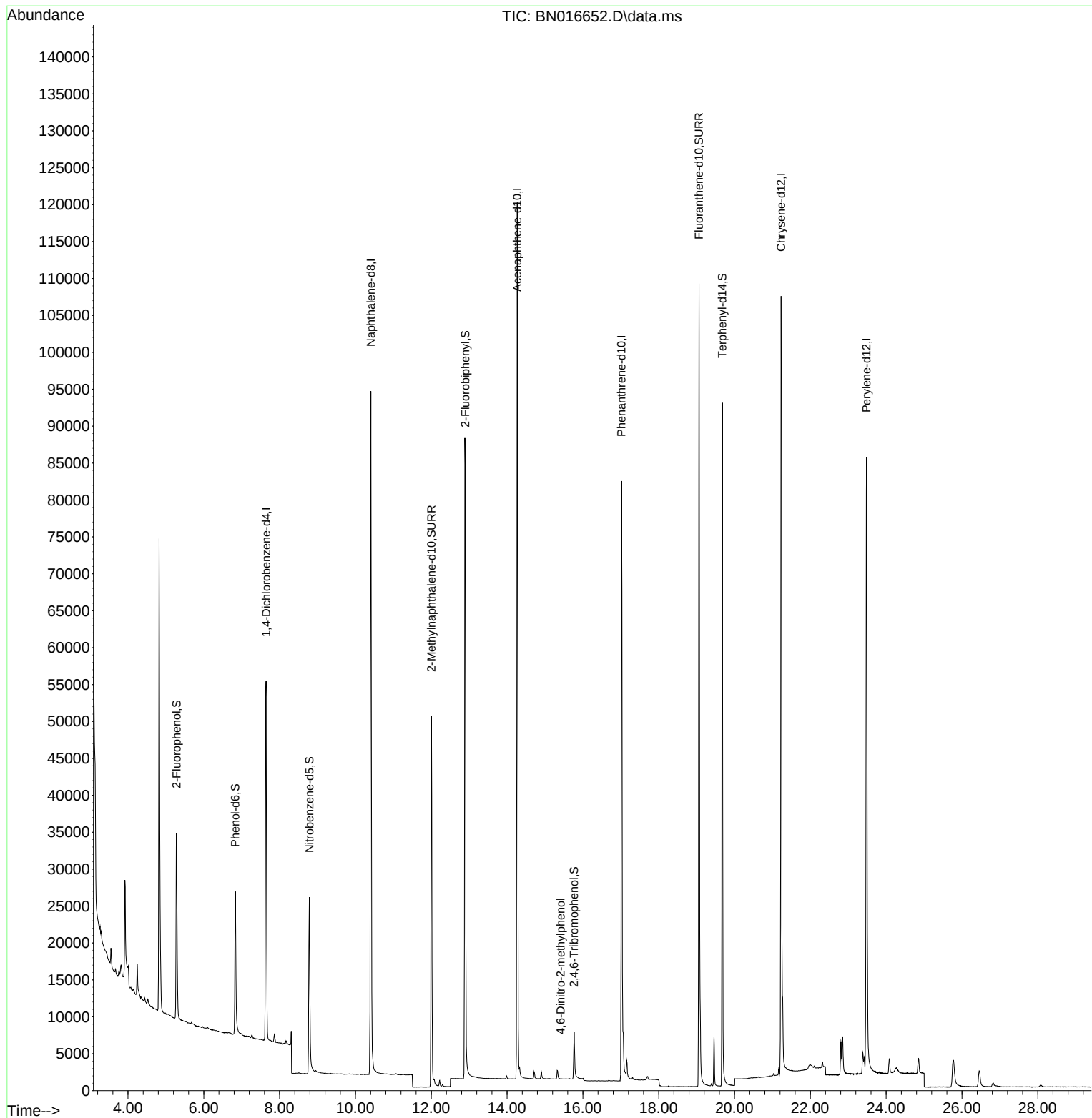
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 29452    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.407 | 136  | 130946   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 68370    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.018 | 188  | 129167   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 111475   | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.481 | 264  | 116316   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.282  | 112  | 26538    | 0.354 | ng    | 0.03     |
| 5) Phenol-d6                  | 6.831  | 99   | 23128    | 0.282 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 24352    | 0.285 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 74064    | 0.382 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 6625     | 0.213 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.899 | 172  | 93507    | 0.338 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.063 | 212  | 132486   | 0.386 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 100348   | 0.414 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 7        | 0.137 | ng    | # 1      |

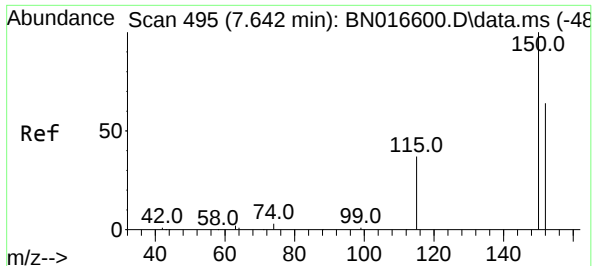
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

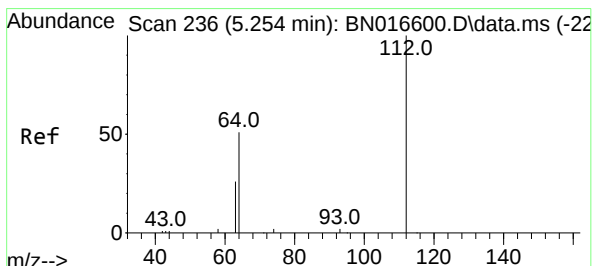
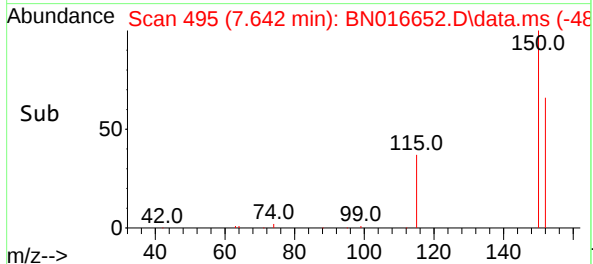
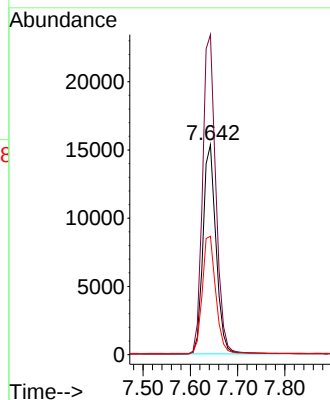
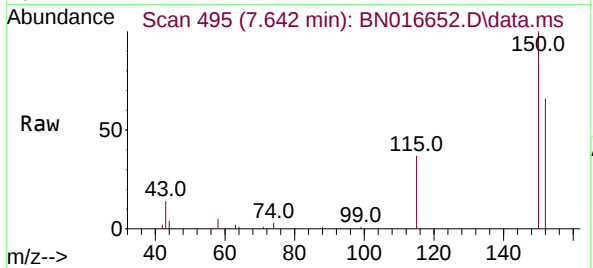




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.642 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: BN016652.D  
 Acq: 02 Oct 2021 02:11

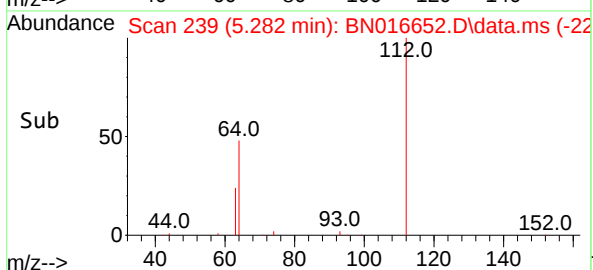
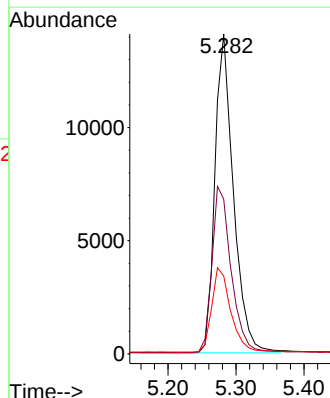
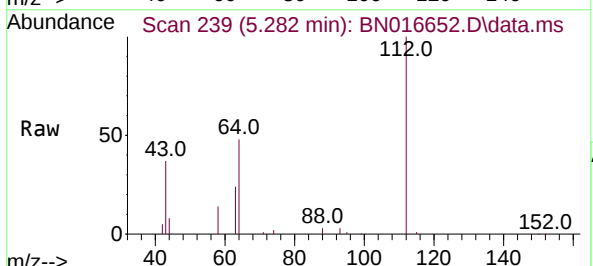
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139433BL

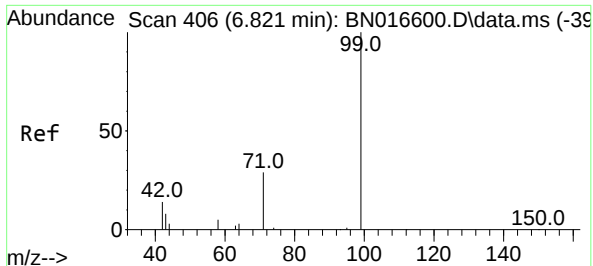
Tgt Ion:152 Resp: 29452  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 124.6 186.8  
 115 56.4 46.5 69.7



#4  
 2-Fluorophenol  
 Concen: 0.354 ng  
 RT: 5.282 min Scan# 239  
 Delta R.T. 0.028 min  
 Lab File: BN016652.D  
 Acq: 02 Oct 2021 02:11

Tgt Ion:112 Resp: 26538  
 Ion Ratio Lower Upper  
 112 100  
 64 54.0 43.1 64.7  
 63 27.1 21.6 32.4

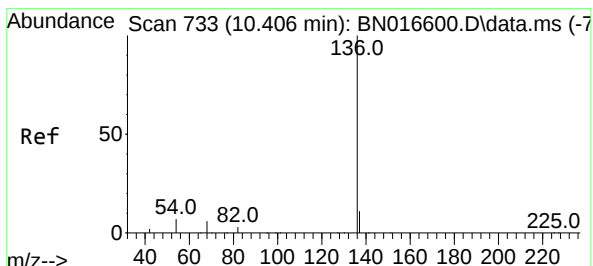
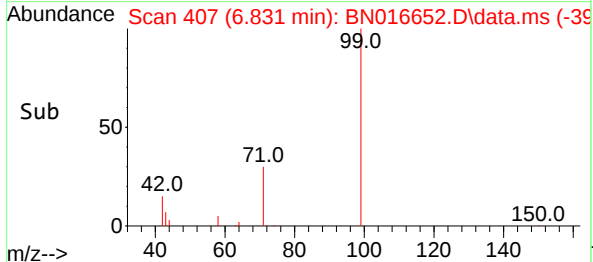
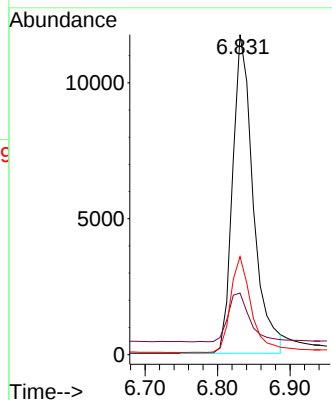
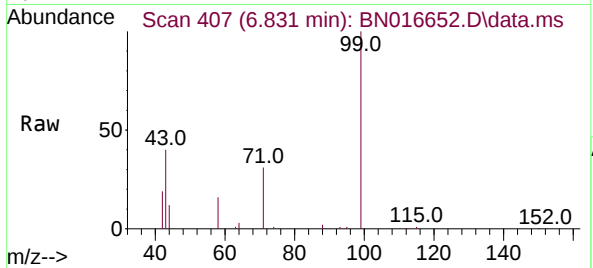




#5  
Phenol-d6  
Concen: 0.282 ng  
RT: 6.831 min Scan# 407  
Delta R.T. 0.010 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

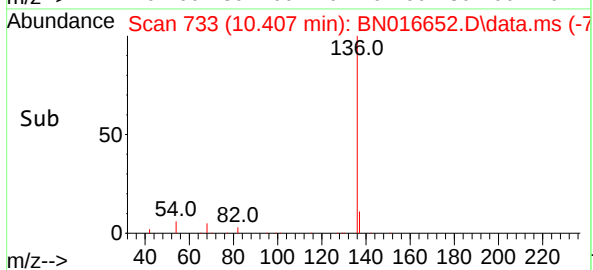
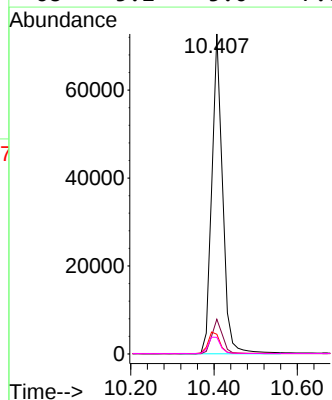
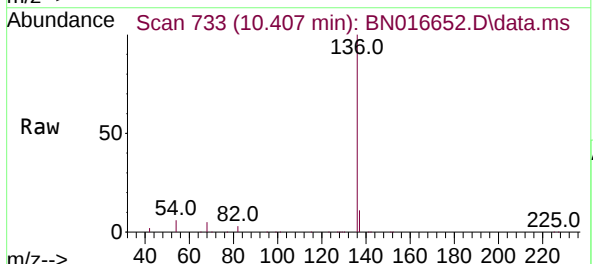
Instrument :  
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ClientSampleId :  
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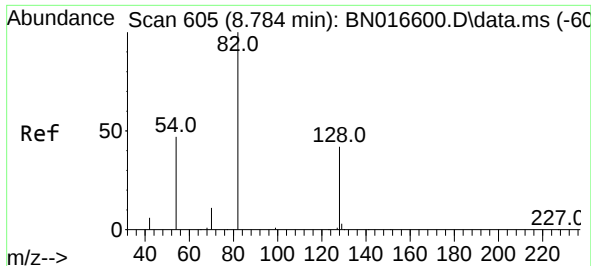
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 23128 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 16.2     | 13.0 19.6   |
| 71 30.2     | 23.5 35.3   |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.407 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

|              |              |
|--------------|--------------|
| Tgt Ion: 136 | Resp: 130946 |
| Ion Ratio    | Lower Upper  |
| 136 100      |              |
| 137 10.9     | 8.7 13.1     |
| 54 6.2       | 5.9 8.9      |
| 68 5.2       | 5.0 7.6      |

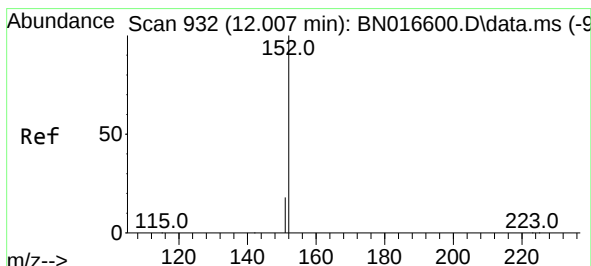
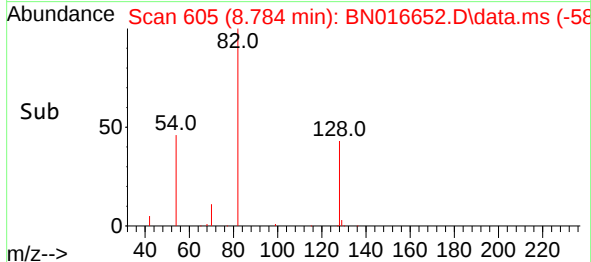
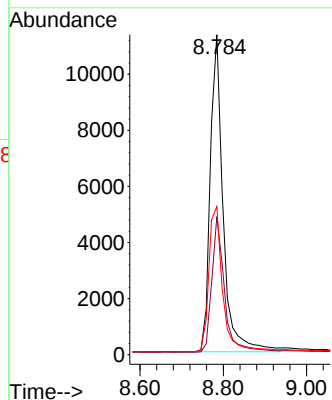
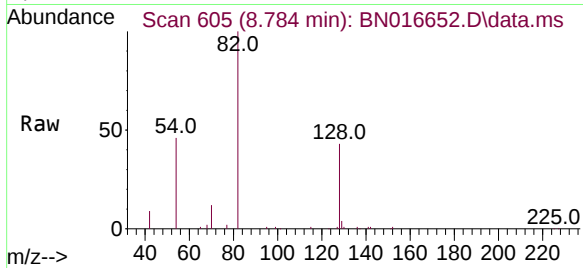




#8  
Nitrobenzene-d5  
Concen: 0.285 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

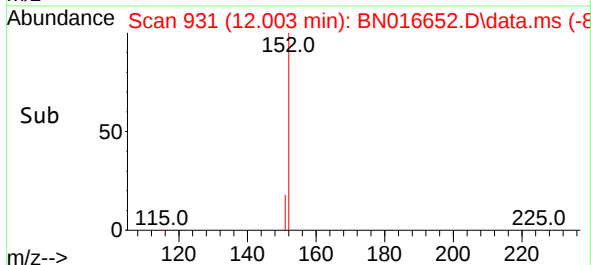
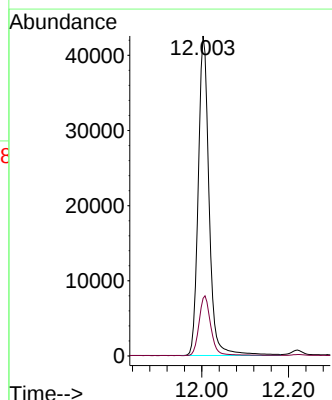
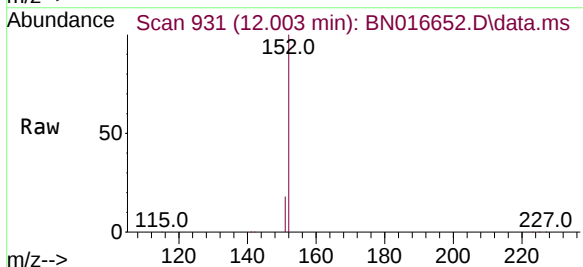
Instrument :  
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ClientSampleId :  
PB139433BL

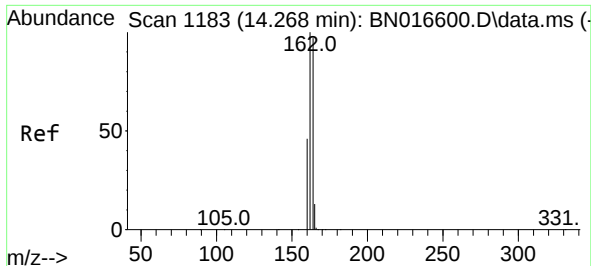
Tgt Ion: 82 Resp: 24352  
Ion Ratio Lower Upper  
82 100  
128 43.1 33.6 50.4  
54 46.3 37.6 56.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.382 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

Tgt Ion: 152 Resp: 74064  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4

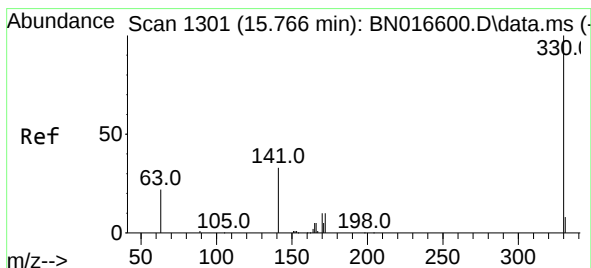
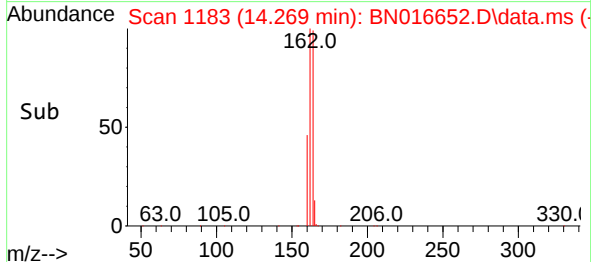
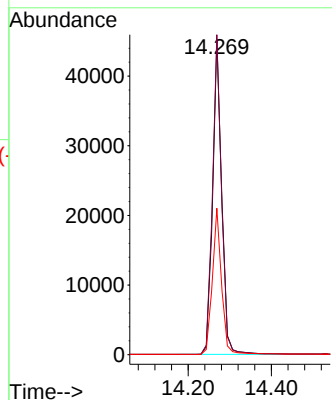
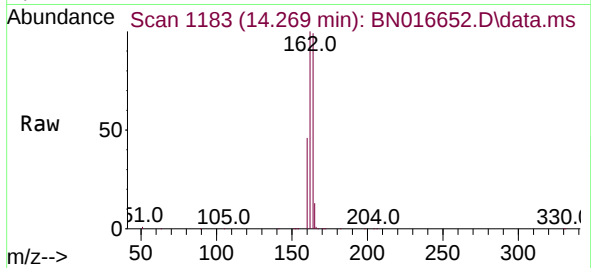




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

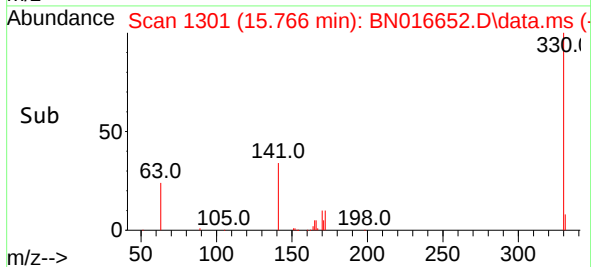
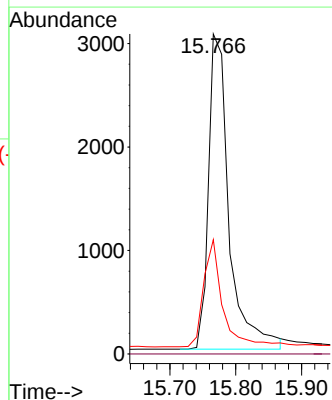
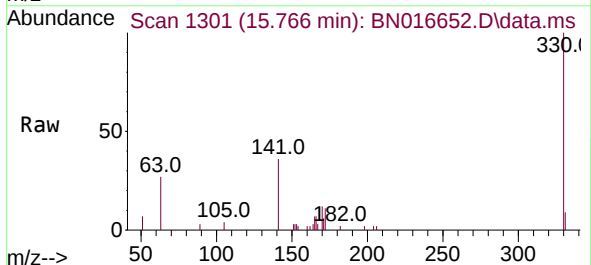
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

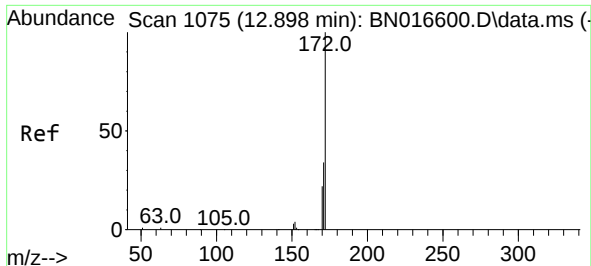
Tgt Ion:164 Resp: 68370  
Ion Ratio Lower Upper  
164 100  
162 101.5 82.2 123.2  
160 46.4 37.7 56.5



#14  
2,4,6-Tribromophenol  
Concen: 0.213 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

Tgt Ion:330 Resp: 6625  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.8 25.2 37.8

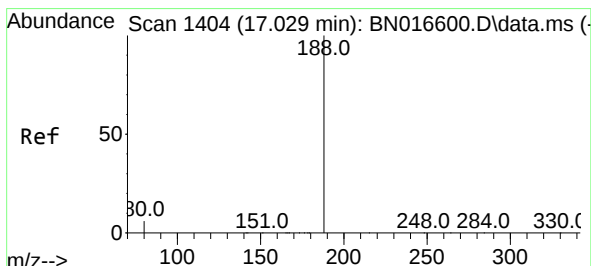
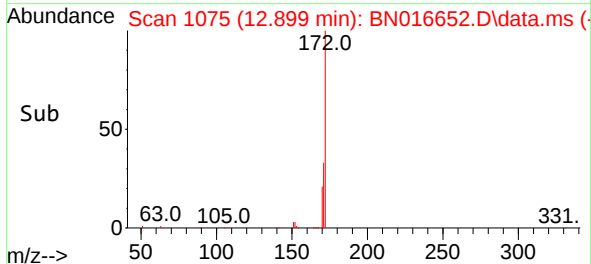
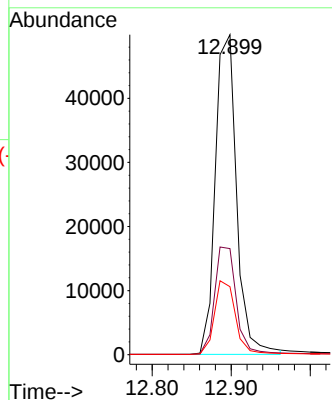
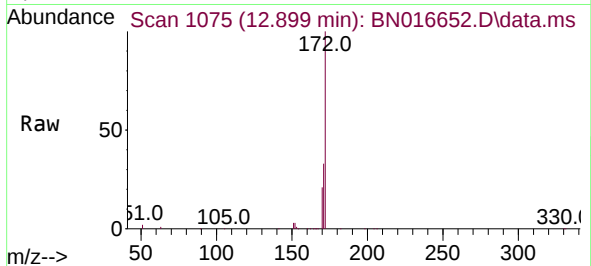




#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 12.899 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

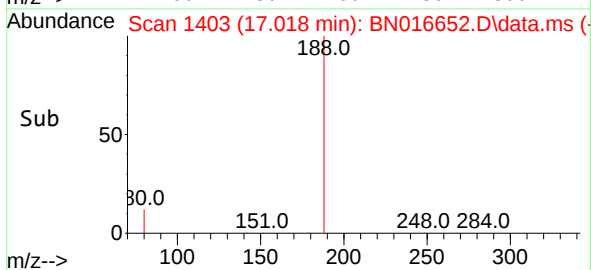
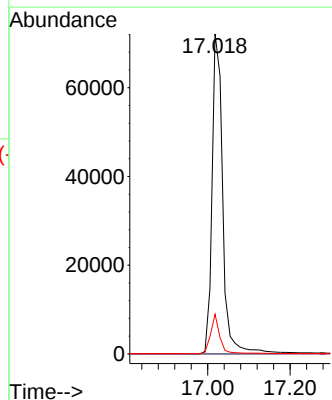
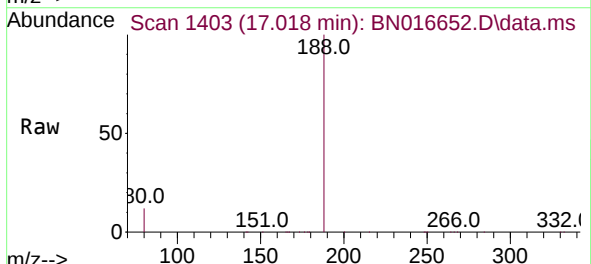
Instrument :  
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ClientSampleId :  
PB139433BL

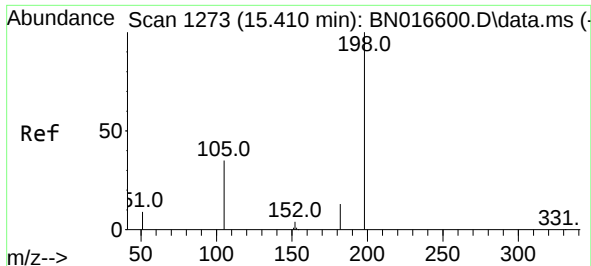
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 93507 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 33.2  | 27.0  | 40.4  |
| 170       | 21.3  | 17.4  | 26.2  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.018 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 129167 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 0.0   | 0.0   | 0.0    |
| 80        | 12.4  | 5.0   | 7.6#   |

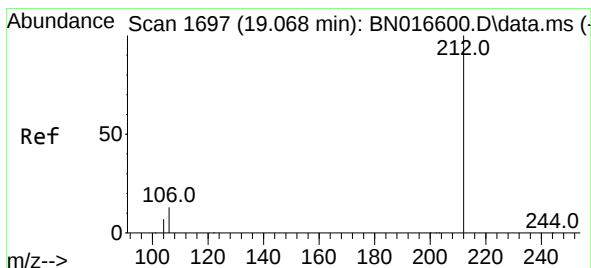
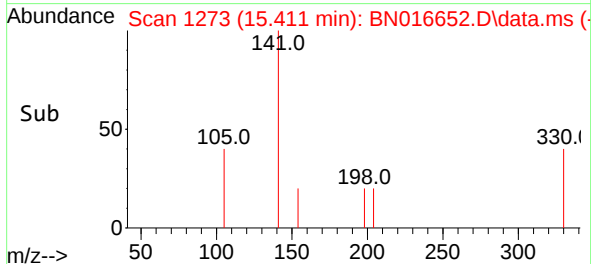
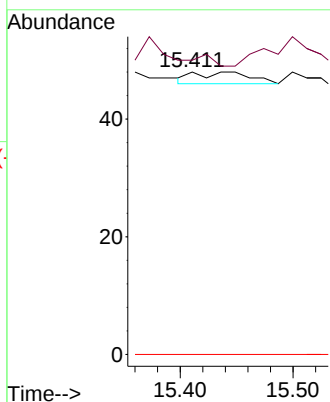
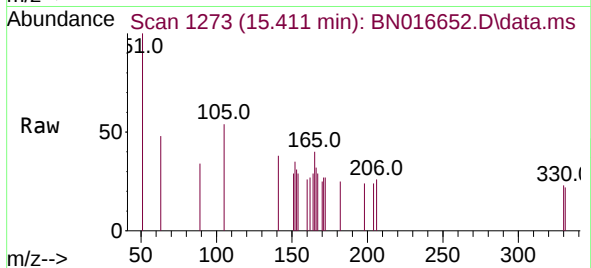




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.137 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. 0.001 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

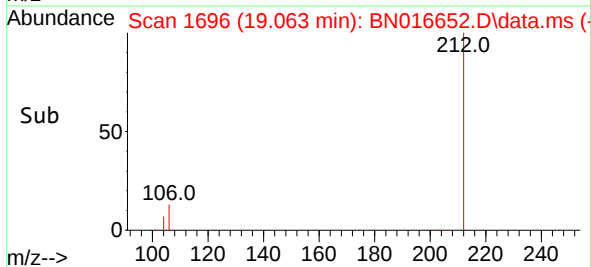
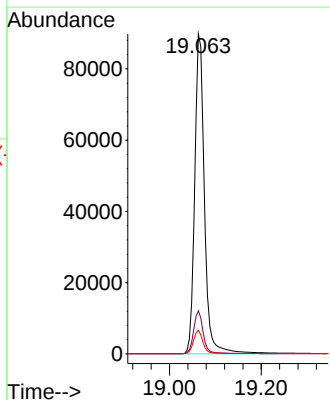
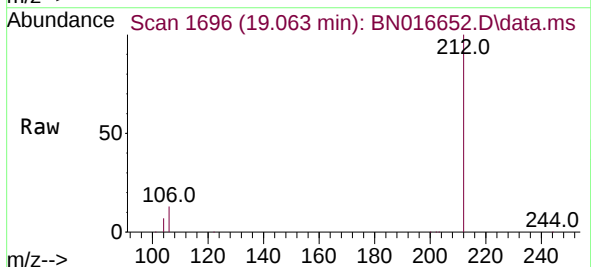
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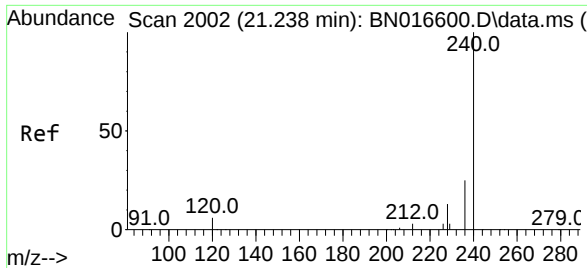
Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
182 104.2 11.8 17.8#  
77 0.0 0.0 0.0



#27  
Fluoranthene-d10  
Concen: 0.386 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

Tgt Ion:212 Resp: 132486  
Ion Ratio Lower Upper  
212 100  
106 13.3 10.6 16.0  
104 7.2 5.9 8.9

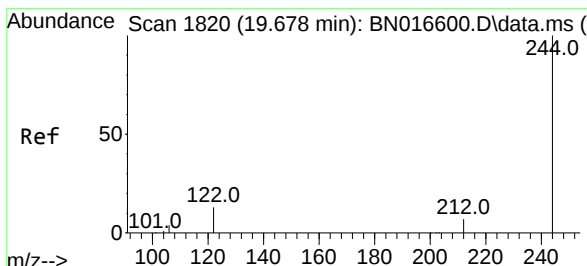
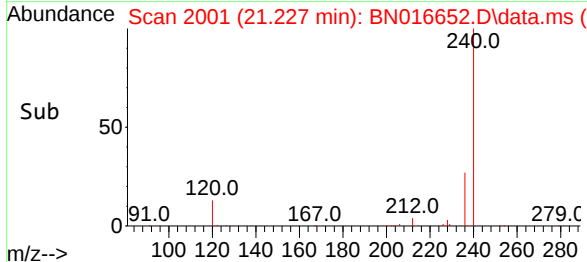
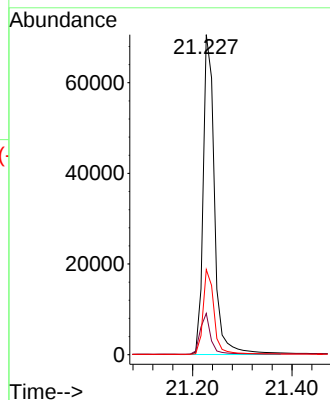
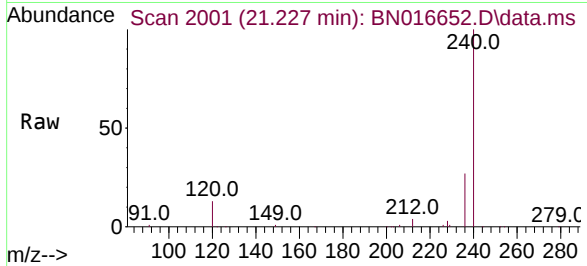




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.010 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

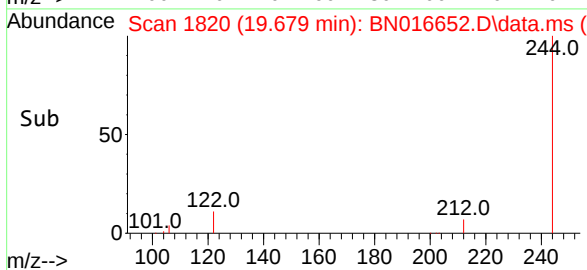
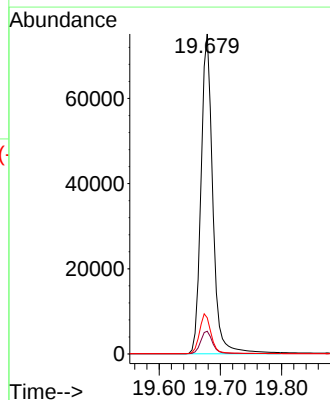
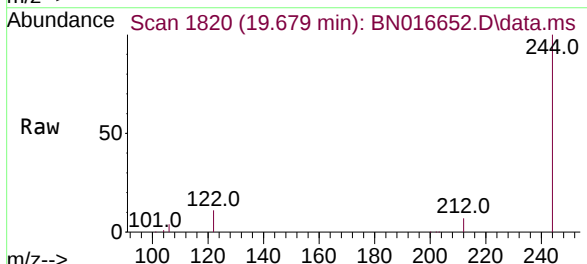
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BNA\_N  
ClientSampleId :  
PB139433BL

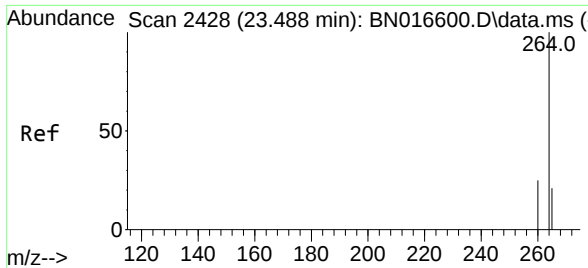
Tgt Ion:240 Resp: 111475  
Ion Ratio Lower Upper  
240 100  
120 12.9 5.0 7.4#  
236 26.6 20.4 30.6



#31  
Terphenyl-d14  
Concen: 0.414 ng  
RT: 19.679 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: BN016652.D  
Acq: 02 Oct 2021 02:11

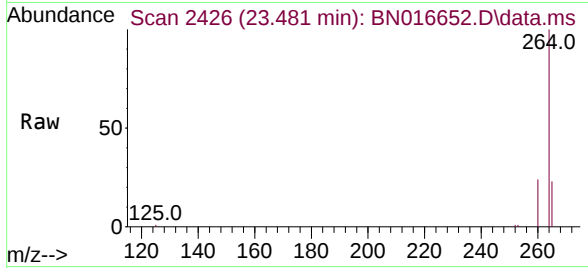
Tgt Ion:244 Resp: 100348  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.0 9.0  
122 11.3 10.1 15.1





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.481 min Scan# 2426  
 Delta R.T. -0.007 min  
 Lab File: BN016652.D  
 Acq: 02 Oct 2021 02:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139433BL



Tgt Ion:264 Resp: 116316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 19.9  | 29.9  |
| 265 | 22.9  | 19.2  | 28.8  |

