

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016684.D  
 Acq On : 02 Oct 2021 23:09  
 Operator : CG/JU  
 Sample : M3892-10  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 04 03:35:57 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

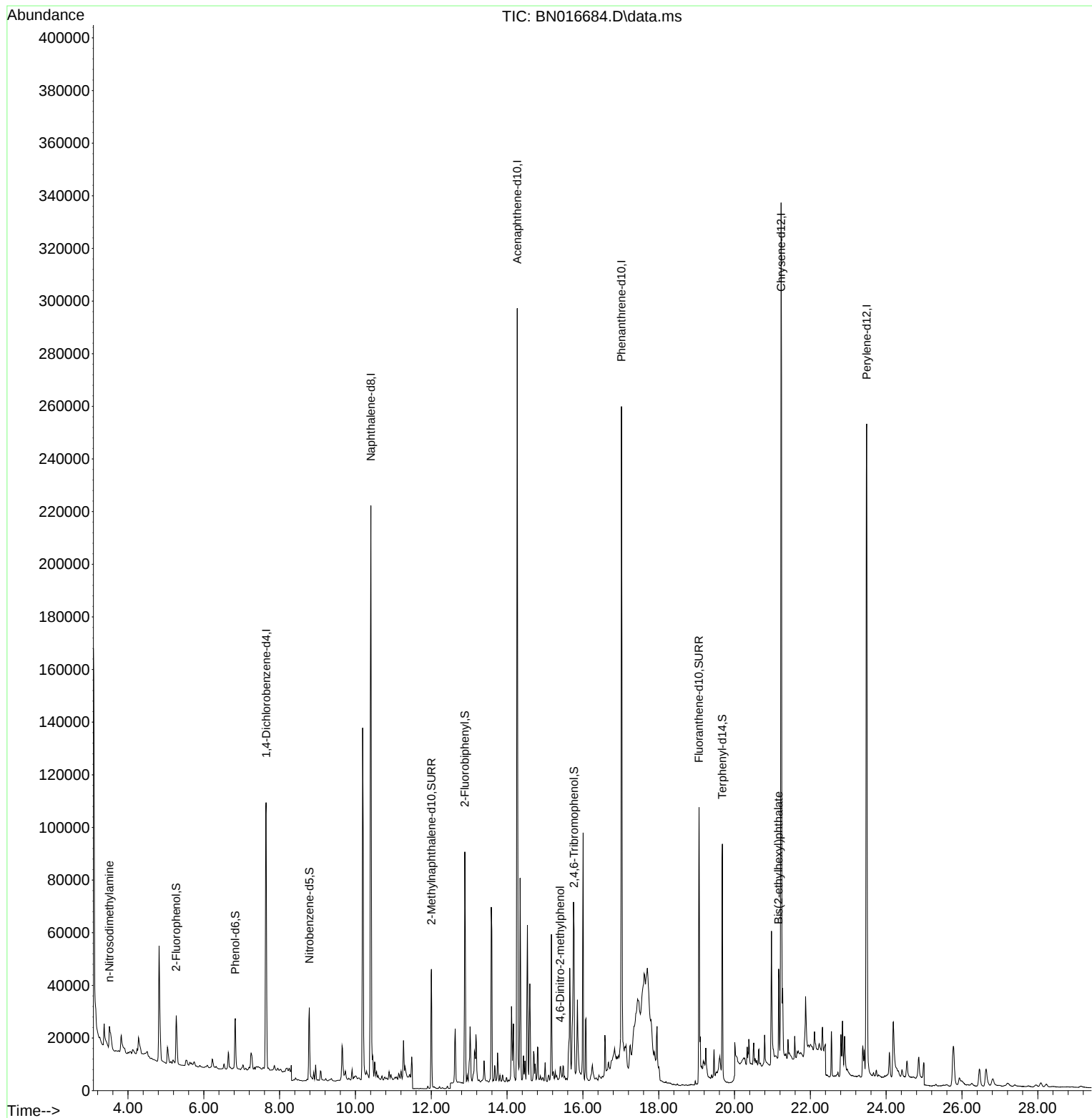
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 62288    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.407 | 136  | 288843   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.269 | 164  | 165212   | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.018 | 188  | 323704   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.228 | 240  | 318574   | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.485 | 264  | 336649   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 22076    | 0.139 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.831  | 99   | 22729    | 0.131 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.785  | 82   | 25153    | 0.134 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 60333    | 0.141 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 12053    | 0.160 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 75383    | 0.113 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.063 | 212  | 114452   | 0.133 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 87397    | 0.126 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.512  | 42   | 3908     | 0.085 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198  | 18       | 0.137 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 35425    | 0.091 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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ALS Vial : 52 Sample Multiplier: 1

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QLast Update : Fri Oct 01 13:35:26 2021  
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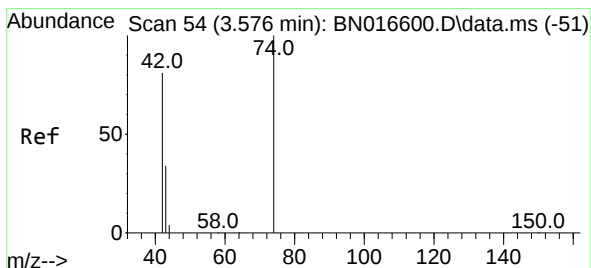
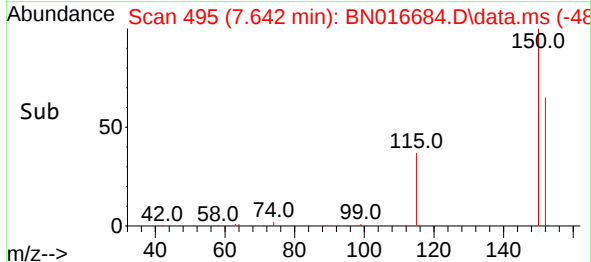
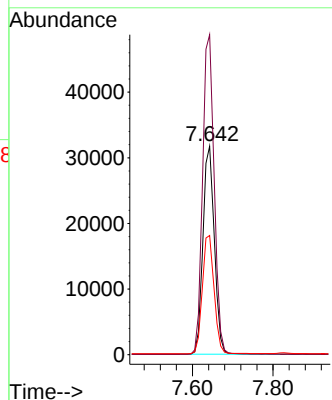
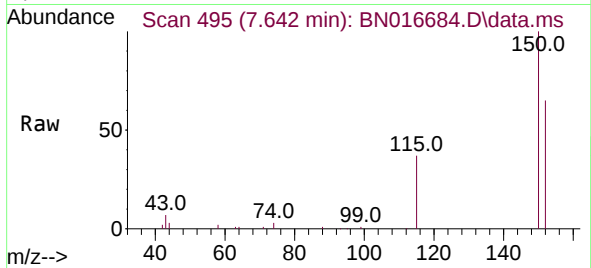




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.642 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

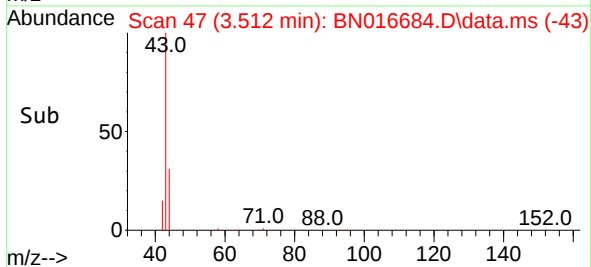
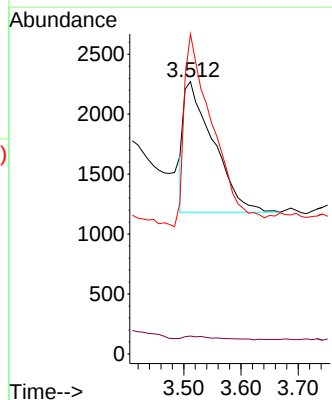
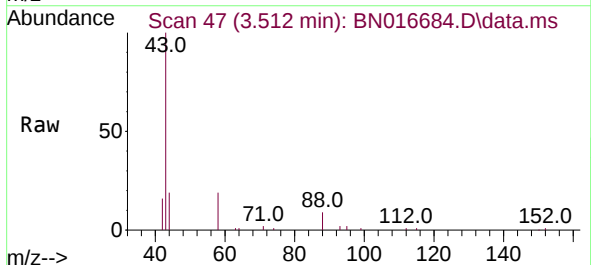
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:152 Resp: 62288  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.6 186.8  
115 57.2 46.5 69.7



#3  
n-Nitrosodimethylamine  
Concen: 0.085 ng  
RT: 3.512 min Scan# 47  
Delta R.T. -0.064 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion: 42 Resp: 3908  
Ion Ratio Lower Upper  
42 100  
74 3.1 121.6 182.4#  
44 126.3 6.3 9.5#

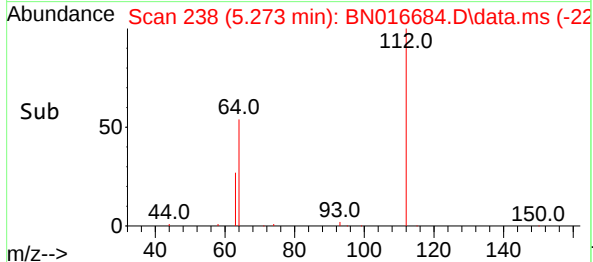
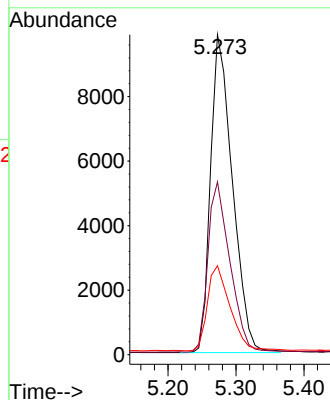
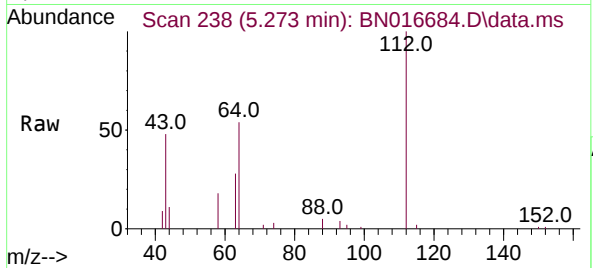




#4  
2-Fluorophenol  
Concen: 0.139 ng  
RT: 5.273 min Scan# 238  
Delta R.T. 0.019 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

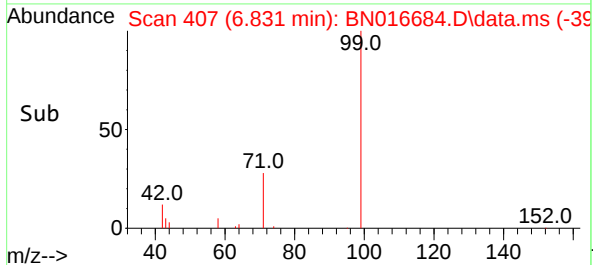
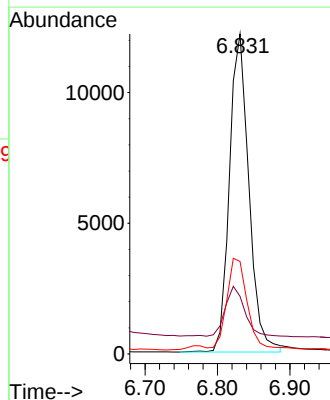
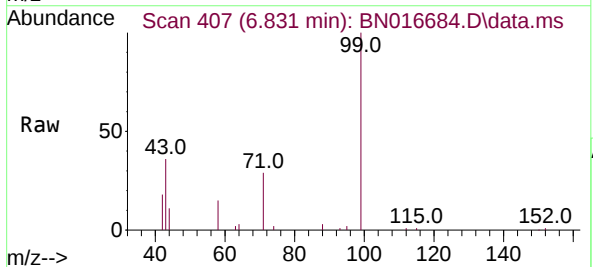
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:112 Resp: 22076  
Ion Ratio Lower Upper  
112 100  
64 53.8 43.1 64.7  
63 27.8 21.6 32.4



#5  
Phenol-d6  
Concen: 0.131 ng  
RT: 6.831 min Scan# 407  
Delta R.T. 0.010 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion: 99 Resp: 22729  
Ion Ratio Lower Upper  
99 100  
42 15.3 13.0 19.6  
71 29.1 23.5 35.3

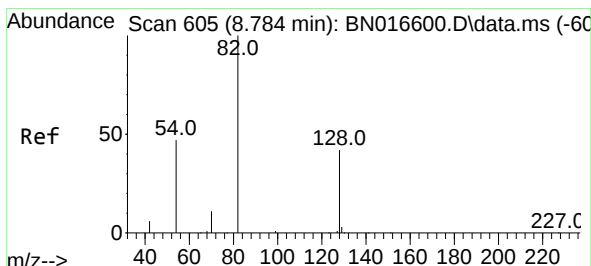
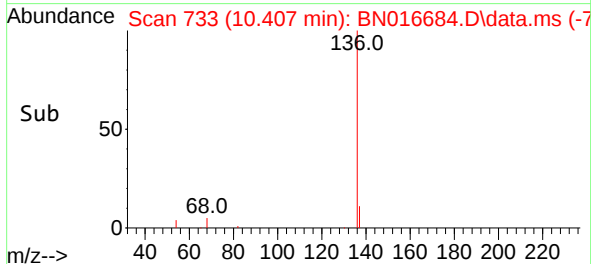
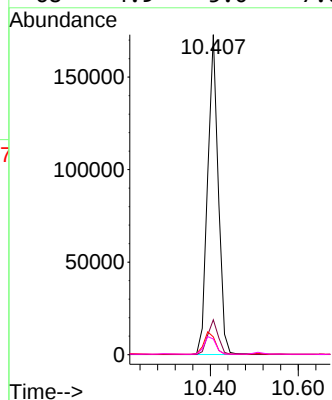
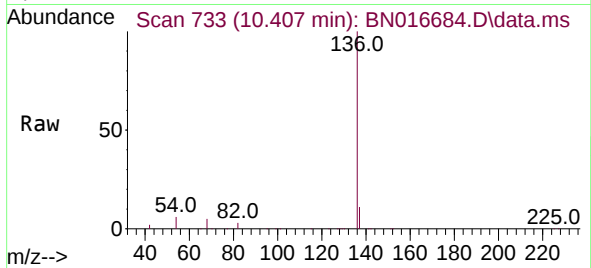




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.407 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

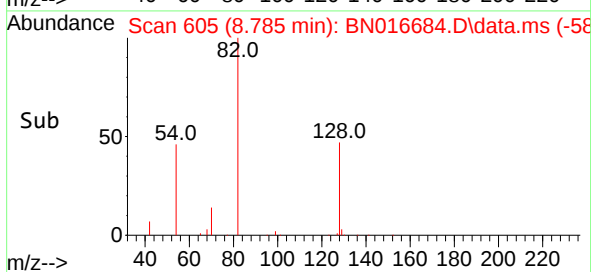
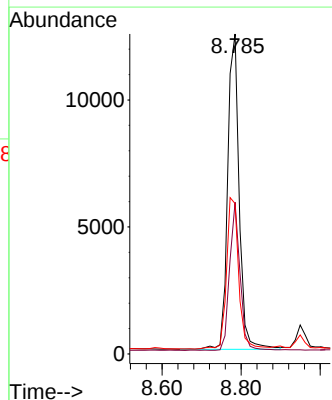
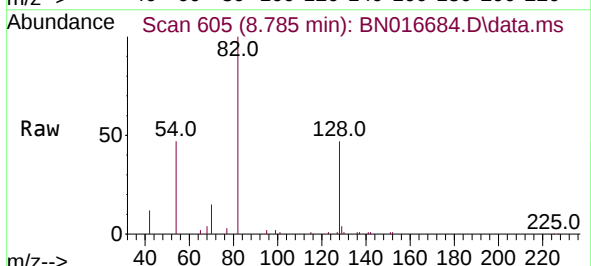
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:136 Resp: 288843  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 5.6 5.9 8.9#  
68 4.9 5.0 7.6#



#8  
Nitrobenzene-d5  
Concen: 0.134 ng  
RT: 8.785 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion: 82 Resp: 25153  
Ion Ratio Lower Upper  
82 100  
128 47.4 33.6 50.4  
54 47.0 37.6 56.4

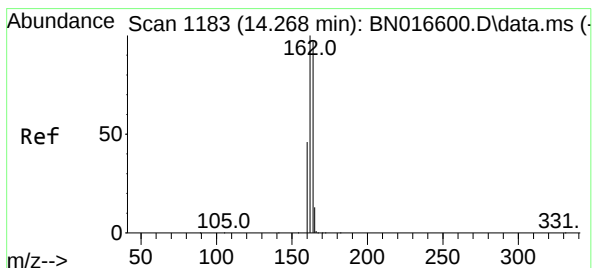
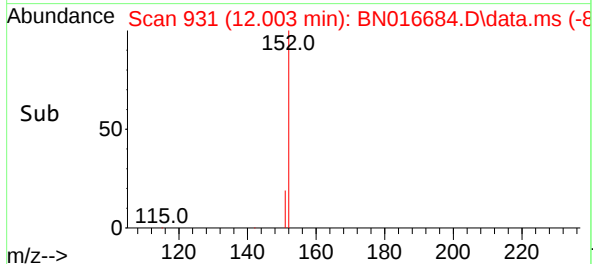
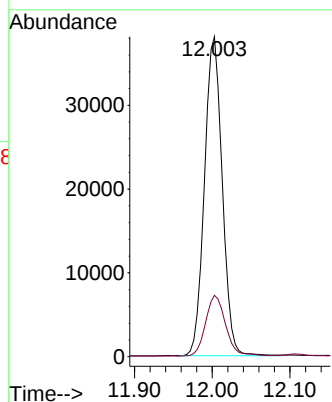
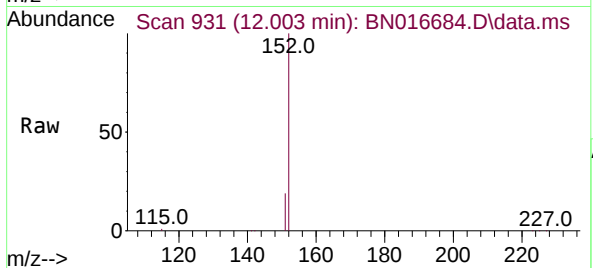




#11  
2-Methylnaphthalene-d10  
Concen: 0.141 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

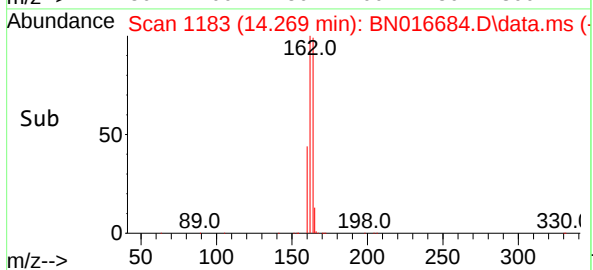
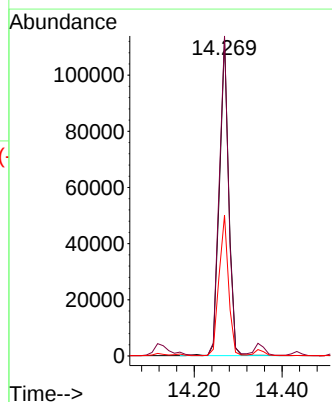
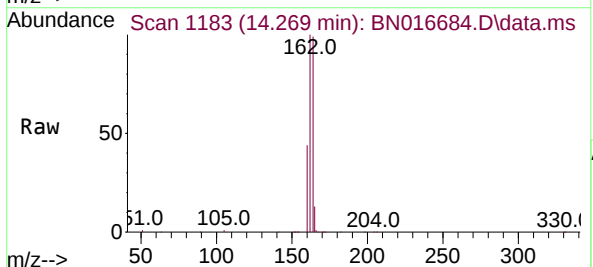
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 60333  
Ion Ratio Lower Upper  
152 100  
151 21.4 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: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion:164 Resp: 165212  
Ion Ratio Lower Upper  
164 100  
162 100.7 82.2 123.2  
160 44.2 37.7 56.5

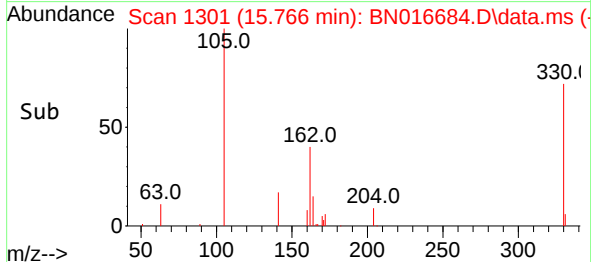
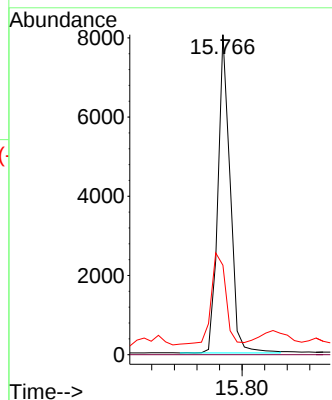
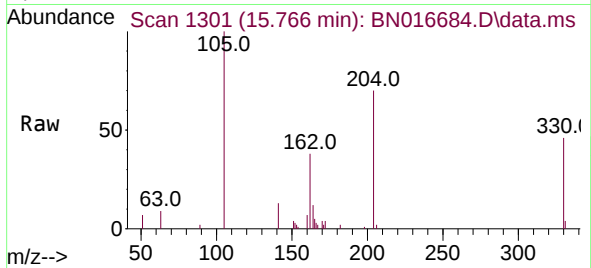




#14  
2,4,6-Tribromophenol  
Concen: 0.160 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

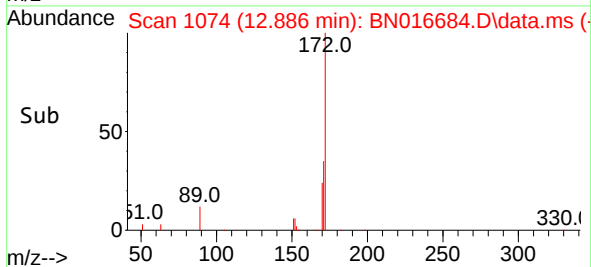
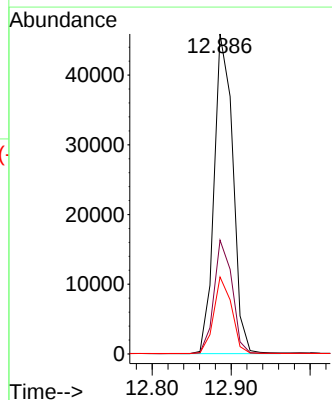
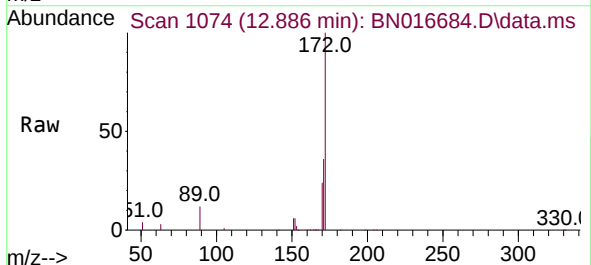
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BNA\_N  
ClientSampleId :

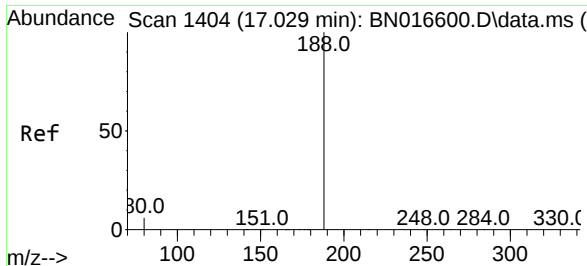
Tgt Ion:330 Resp: 12053  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 33.6 25.2 37.8



#15  
2-Fluorobiphenyl  
Concen: 0.113 ng  
RT: 12.886 min Scan# 1074  
Delta R.T. -0.012 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion:172 Resp: 75383  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.0 40.4  
170 24.1 17.4 26.2

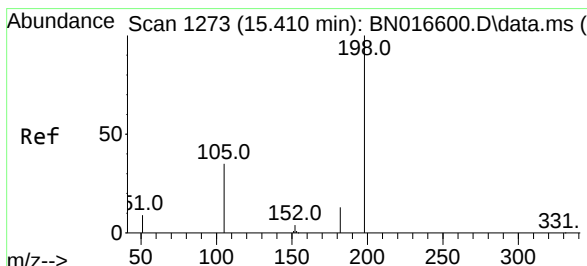
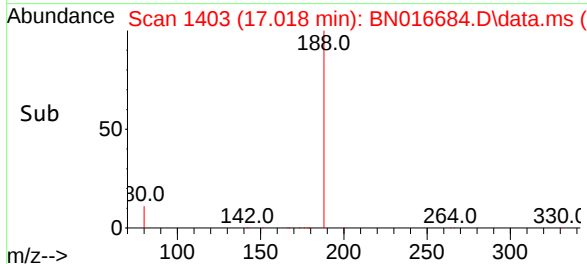
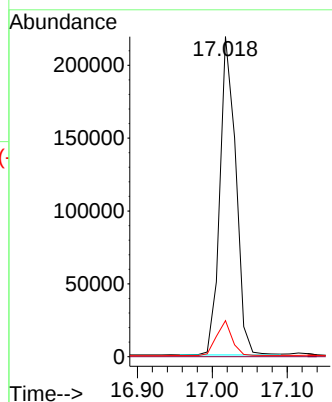
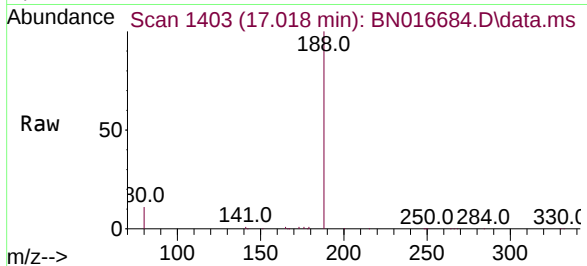




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.018 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

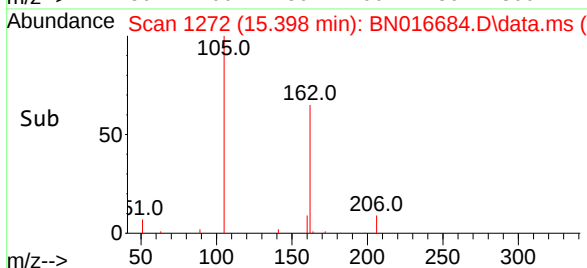
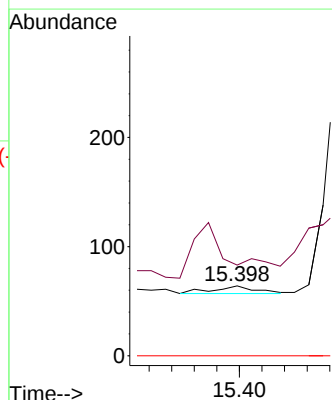
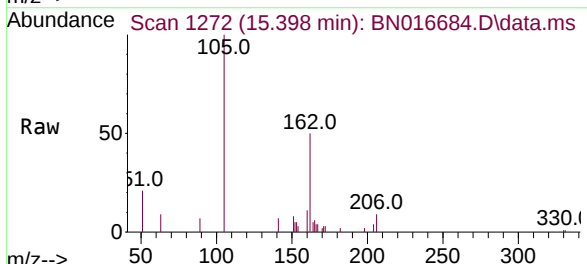
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ClientSampleId :

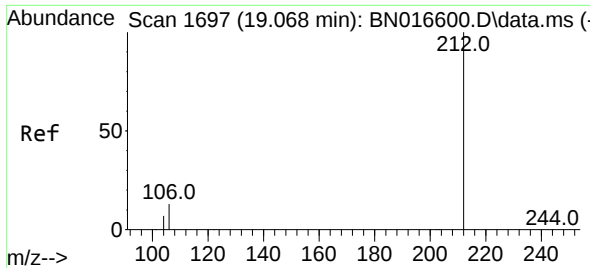
Tgt Ion:188 Resp: 323704  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 5.0 7.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.137 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. -0.012 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion:198 Resp: 18  
Ion Ratio Lower Upper  
198 100  
182 129.7 11.8 17.8#  
77 0.0 0.0 0.0

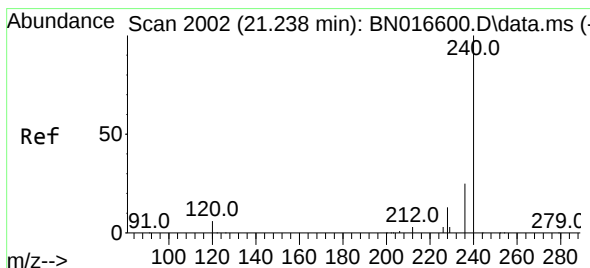
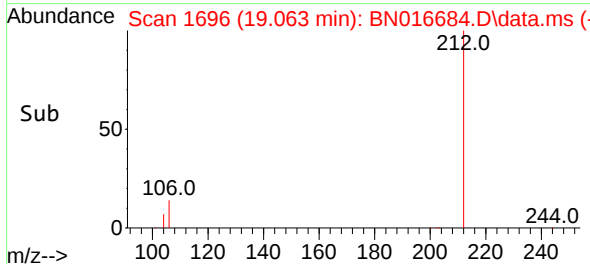
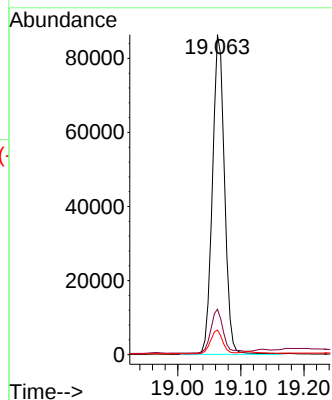
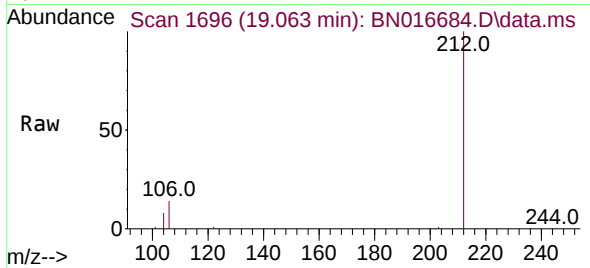




#27  
Fluoranthene-d10  
Concen: 0.133 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

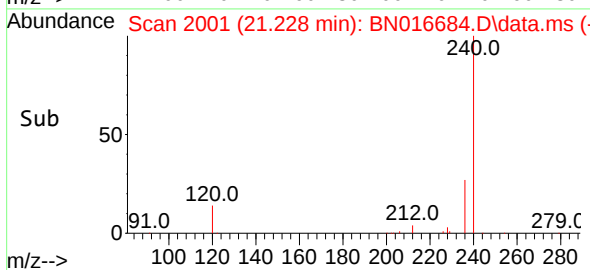
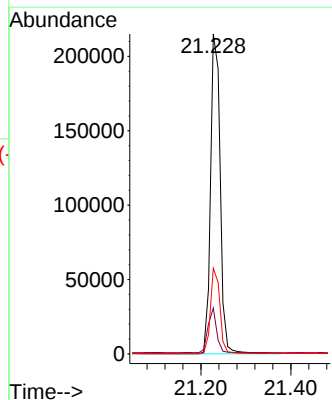
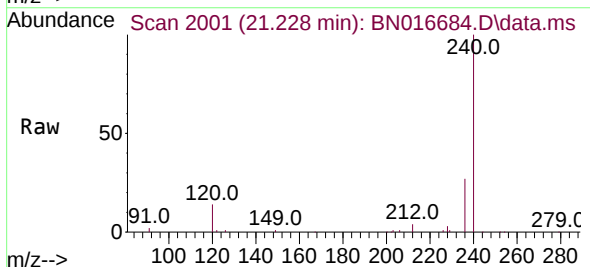
Instrument :  
BNA\_N  
ClientSampleId :

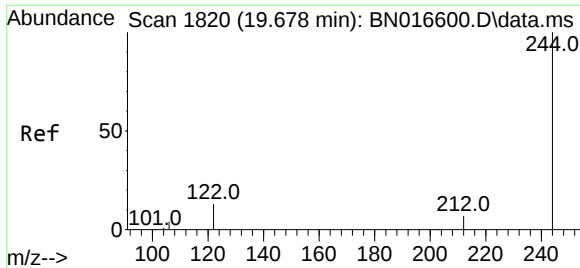
Tgt Ion:212 Resp: 114452  
Ion Ratio Lower Upper  
212 100  
106 14.4 10.6 16.0  
104 7.5 5.9 8.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.228 min Scan# 2001  
Delta R.T. -0.010 min  
Lab File: BN016684.D  
Acq: 02 Oct 2021 23:09

Tgt Ion:240 Resp: 318574  
Ion Ratio Lower Upper  
240 100  
120 14.4 5.0 7.4#  
236 26.8 20.4 30.6

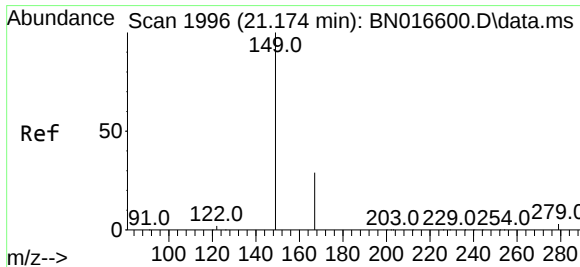
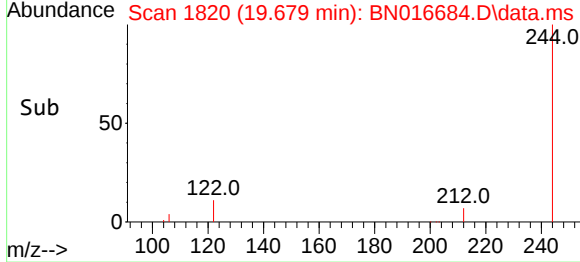
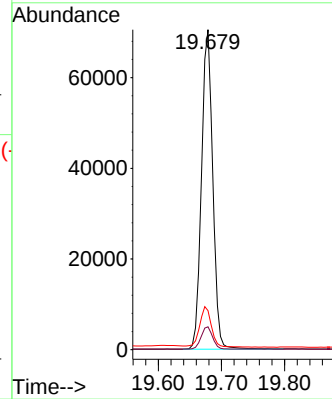
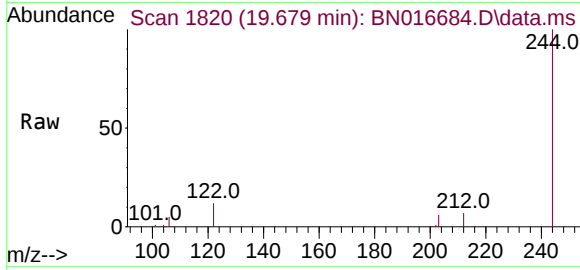




#31  
 Terphenyl-d14  
 Concen: 0.126 ng  
 RT: 19.679 min Scan# 1820  
 Delta R.T. 0.000 min  
 Lab File: BN016684.D  
 Acq: 02 Oct 2021 23:09

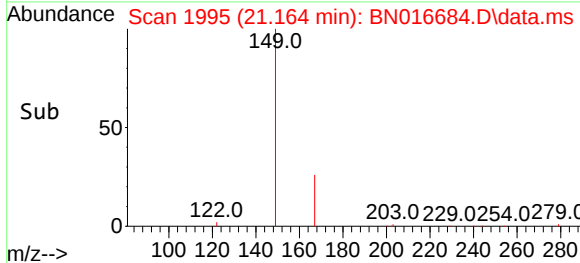
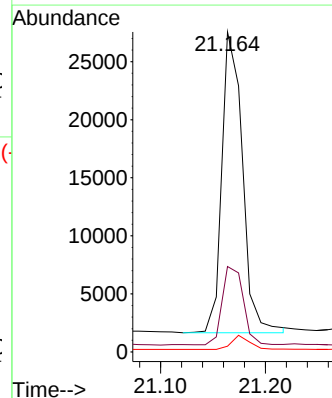
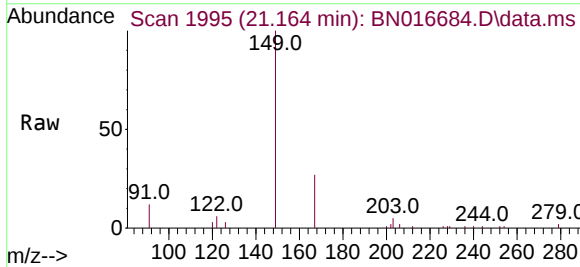
Instrument :  
 BNA\_N  
 ClientSampled :

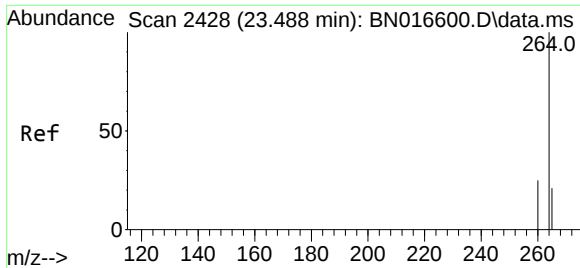
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 87397 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 7.1   | 6.0   | 9.0   |
| 122       | 12.2  | 10.1  | 15.1  |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.091 ng  
 RT: 21.164 min Scan# 1995  
 Delta R.T. -0.010 min  
 Lab File: BN016684.D  
 Acq: 02 Oct 2021 23:09

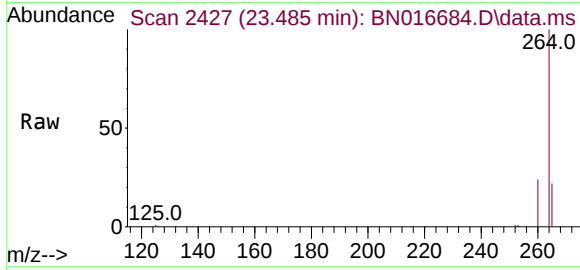
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 35425 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.9  | 22.2  | 33.4  |
| 279       | 4.2   | 3.2   | 4.8   |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.485 min Scan# 2427  
 Delta R.T. -0.003 min  
 Lab File: BN016684.D  
 Acq: 02 Oct 2021 23:09

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:264 Resp: 336649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 19.9  | 29.9  |
| 265 | 21.8  | 19.2  | 28.8  |

