

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112820\  
 Data File : BN012754.D  
 Acq On : 27 Nov 2020 16:35  
 Operator : CG/JU  
 Sample : PB133253BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB133253BL

Quant Time: Nov 27 17:19:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 27 15:36:21 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.427  | 152  | 799      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.201 | 136  | 2932     | 0.40 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.080 | 164  | 1893     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.849 | 188  | 4242     | 0.40 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.059 | 240  | 4268     | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.174 | 264  | 4443     | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.035  | 112  | 780      | 0.28 | ng    | 0.00     |
| 5) Phenol-d6                | 6.613  | 99   | 755      | 0.23 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.591  | 82   | 1078     | 0.31 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 11.809 | 152  | 1380     | 0.29 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.602 | 330  | 324      | 0.24 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.697 | 172  | 3079     | 0.42 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 18.886 | 212  | 3986     | 0.30 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.501 | 244  | 6231     | 0.61 | ng    | 0.00     |

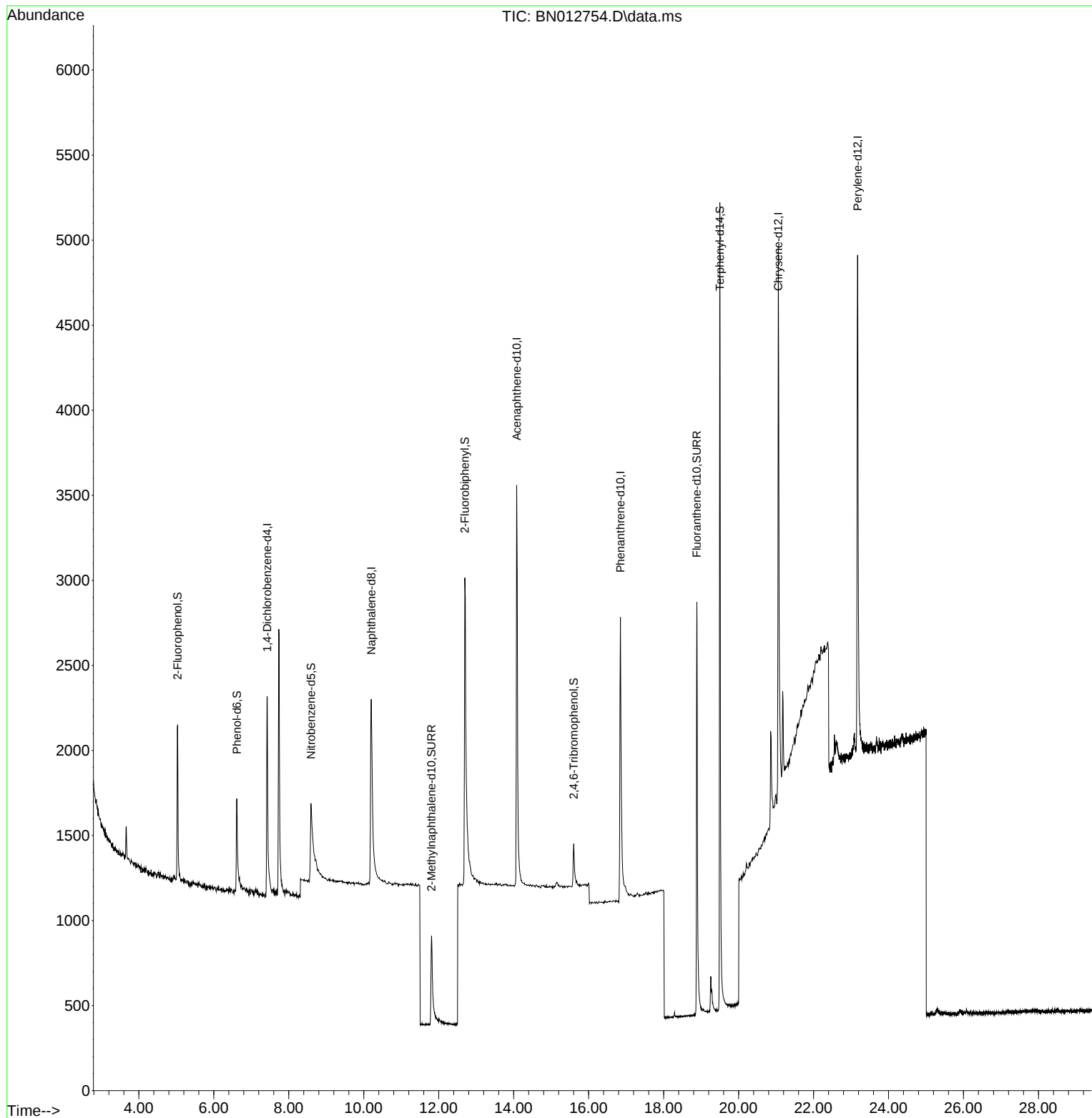
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Instrument :  
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Quant Time: Nov 27 17:19:25 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 27 15:36:21 2020  
Response via : Initial Calibration

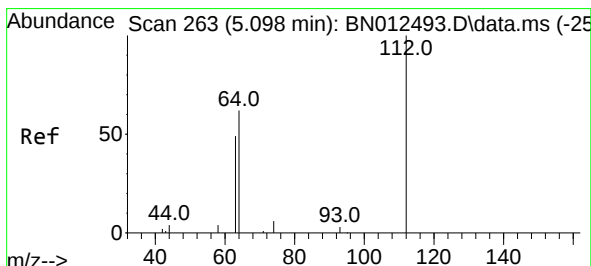
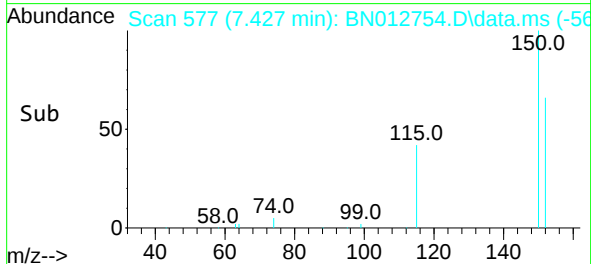
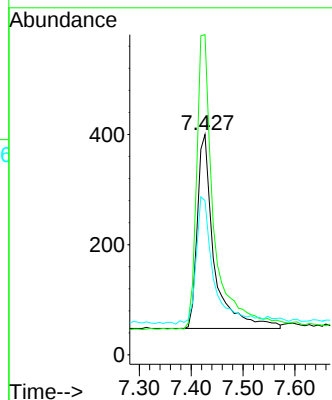
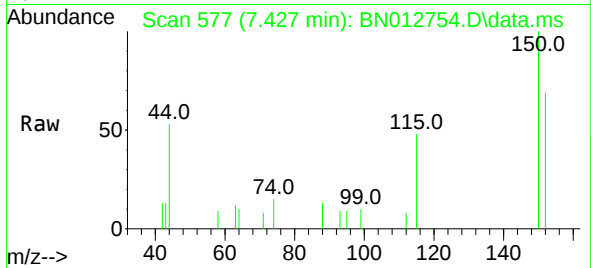




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.427 min Scan# 577  
 Delta R.T. 0.002 min  
 Lab File: BN012754.D  
 Acq: 27 Nov 2020 16:35

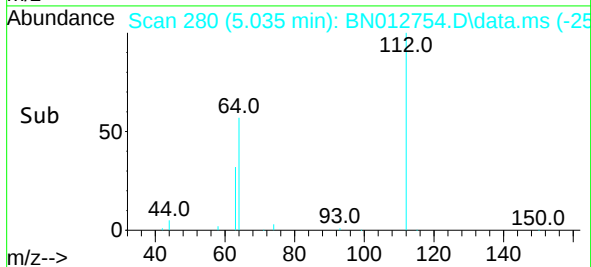
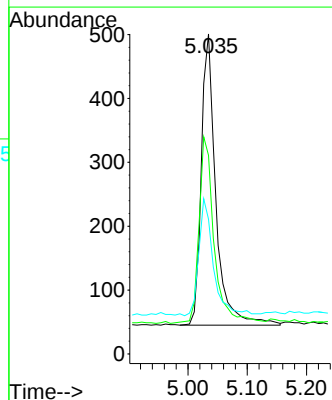
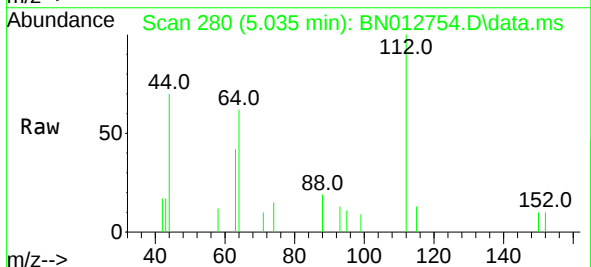
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB133253BL

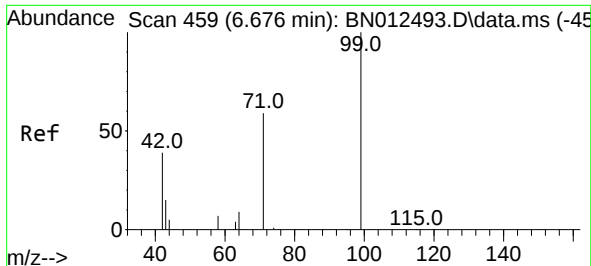
Tgt Ion:152 Resp: 799  
 Ion Ratio Lower Upper  
 152 100  
 150 145.3 116.6 174.8  
 115 70.0 52.9 79.3



#4  
 2-Fluorophenol  
 Concen: 0.28 ng  
 RT: 5.035 min Scan# 280  
 Delta R.T. -0.007 min  
 Lab File: BN012754.D  
 Acq: 27 Nov 2020 16:35

Tgt Ion:112 Resp: 780  
 Ion Ratio Lower Upper  
 112 100  
 64 66.4 49.5 74.3  
 63 39.5 32.0 48.0

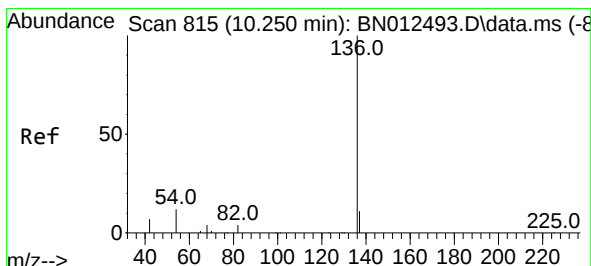
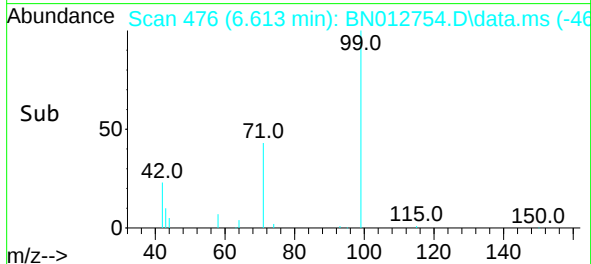
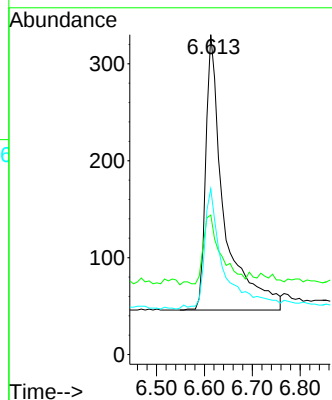
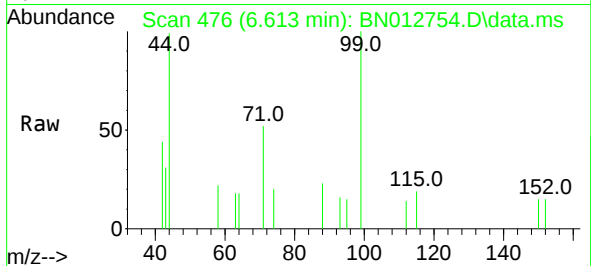




#5  
Phenol-d6  
Concen: 0.23 ng  
RT: 6.613 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

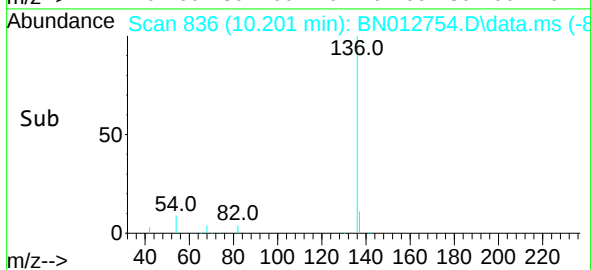
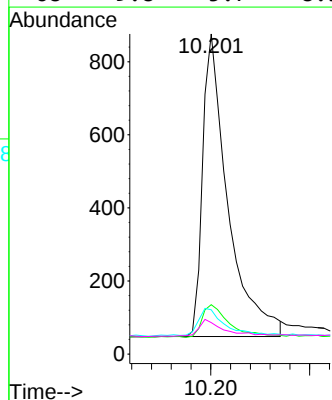
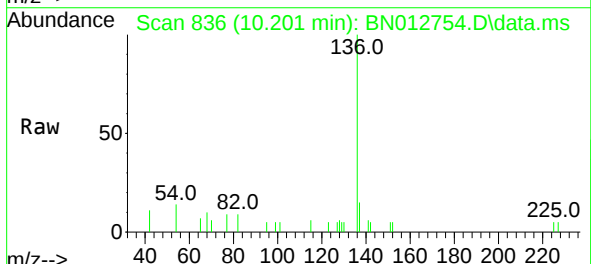
Instrument :  
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ClientSampleId :  
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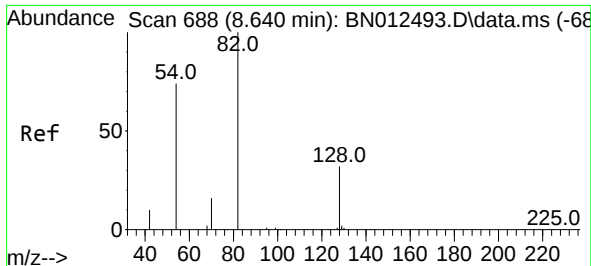
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 755   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.8  | 22.4  | 33.6  |
| 71       | 43.2  | 37.8  | 56.6  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.201 min Scan# 836  
Delta R.T. 0.014 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2932  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.4  | 10.6  | 15.8  |
| 54       | 13.8  | 8.6   | 12.8# |
| 68       | 9.8   | 5.7   | 8.5#  |

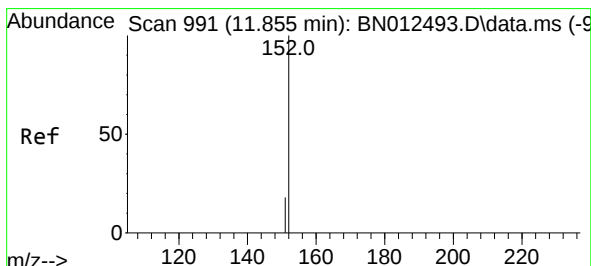
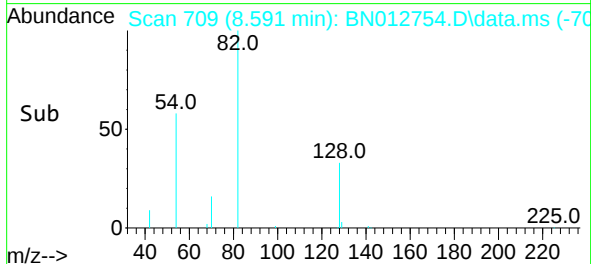
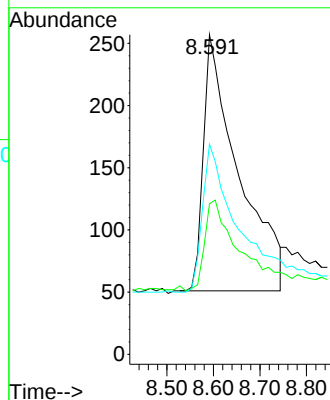
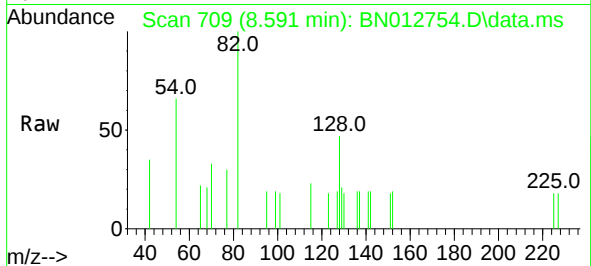




#8  
Nitrobenzene-d5  
Concen: 0.31 ng  
RT: 8.591 min Scan# 709  
Delta R.T. 0.014 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

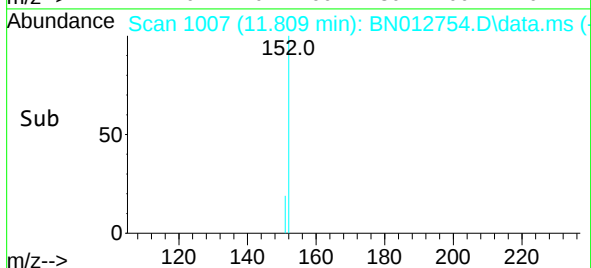
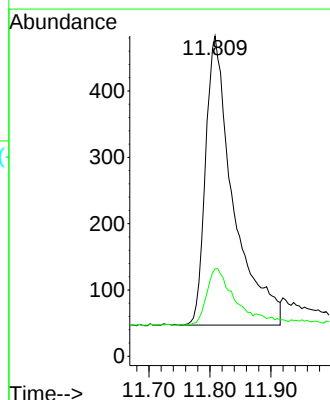
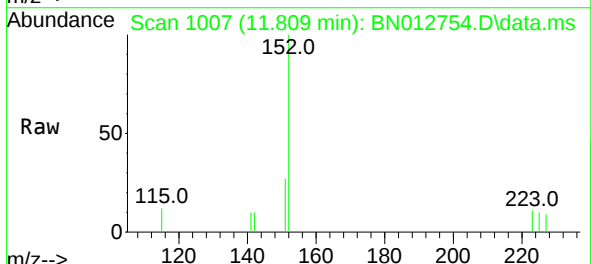
Instrument :  
BNA\_N  
ClientSampleId :  
PB133253BL

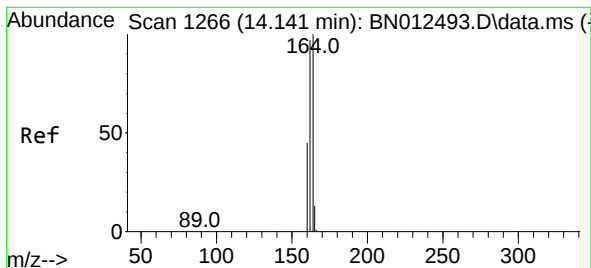
Tgt Ion: 82 Resp: 1078  
Ion Ratio Lower Upper  
82 100  
128 47.1 30.6 46.0#  
54 65.8 48.3 72.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.29 ng  
RT: 11.809 min Scan# 1007  
Delta R.T. 0.011 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

Tgt Ion: 152 Resp: 1380  
Ion Ratio Lower Upper  
152 100  
151 18.4 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.080 min Scan# 1288

Delta R.T. 0.002 min

Lab File: BN012754.D

Acq: 27 Nov 2020 16:35

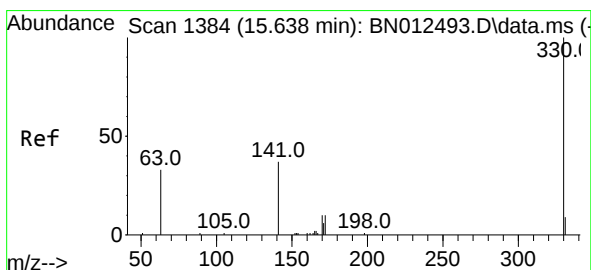
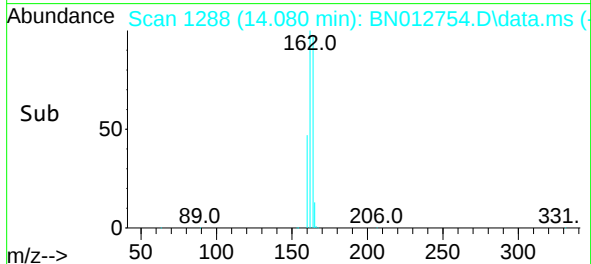
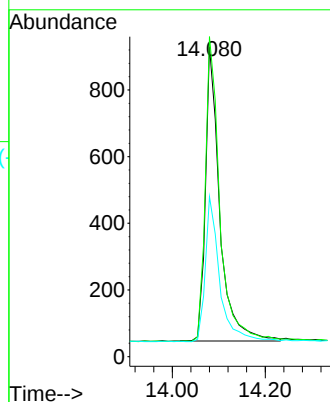
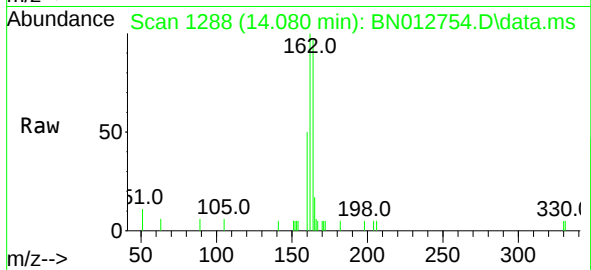
Instrument :

BNA\_N

ClientSampleId :

PB133253BL

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 1893       |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 103.2 | 80.6 120.8 |
| 160         | 51.6  | 39.5 59.3  |



#14

2,4,6-Tribromophenol

Concen: 0.24 ng

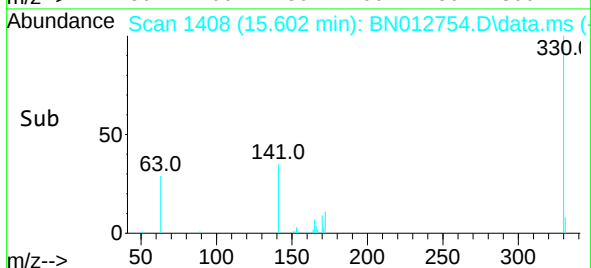
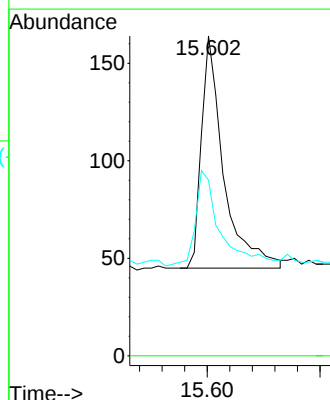
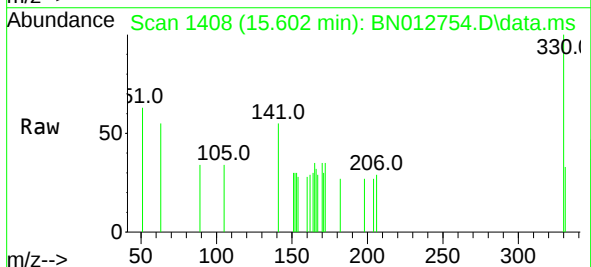
RT: 15.602 min Scan# 1408

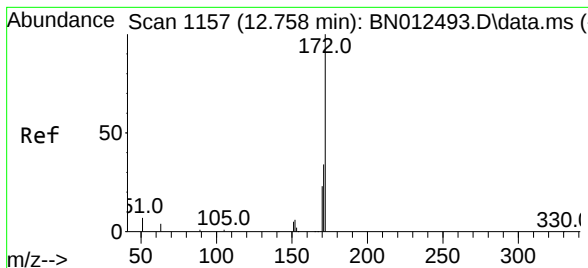
Delta R.T. 0.015 min

Lab File: BN012754.D

Acq: 27 Nov 2020 16:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:330 | Resp: | 324       |
| Ion Ratio   | Lower | Upper     |
| 330         | 100   |           |
| 332         | 0.0   | 0.0 0.0   |
| 141         | 46.0  | 34.4 51.6 |

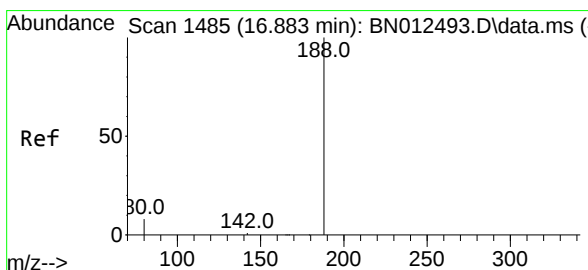
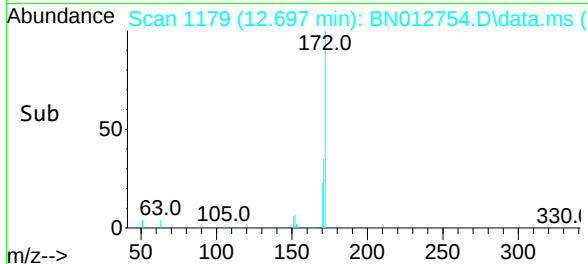
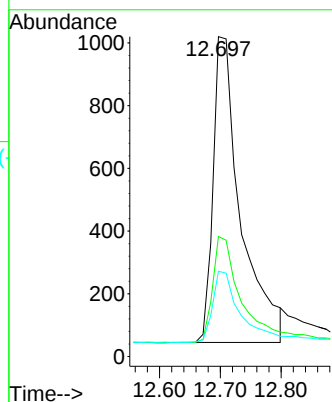
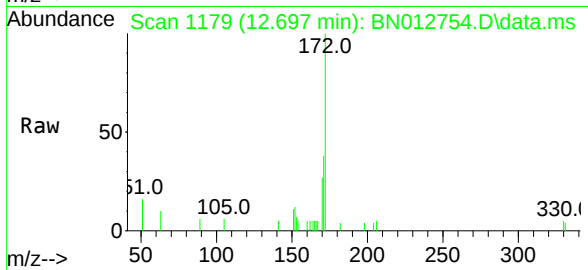




#15  
2-Fluorobiphenyl  
Concen: 0.42 ng  
RT: 12.697 min Scan# 1179  
Delta R.T. 0.002 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

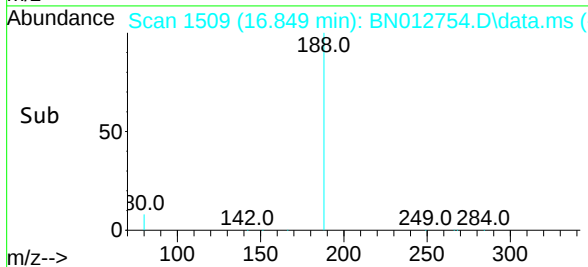
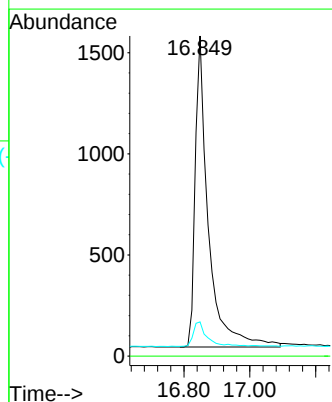
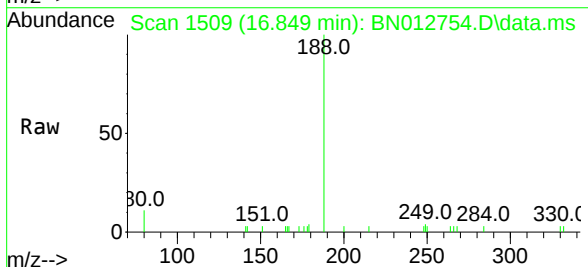
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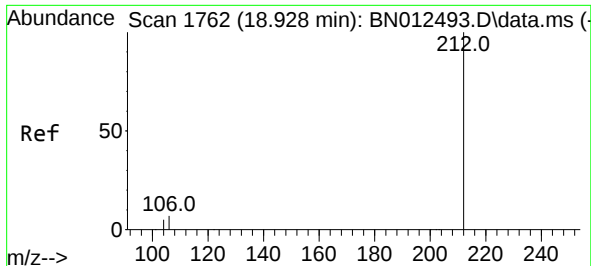
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3079 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 37.5  | 28.2  | 42.4 |
| 170       | 26.7  | 20.0  | 30.0 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.849 min Scan# 1509  
Delta R.T. 0.014 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 4242 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 10.7  | 5.0   | 7.4# |

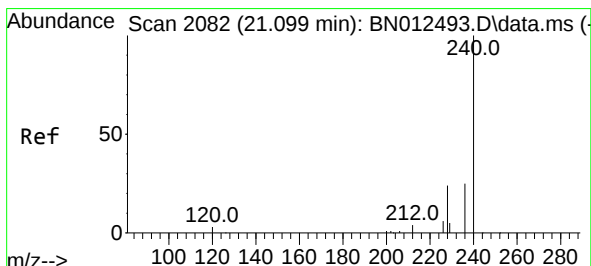
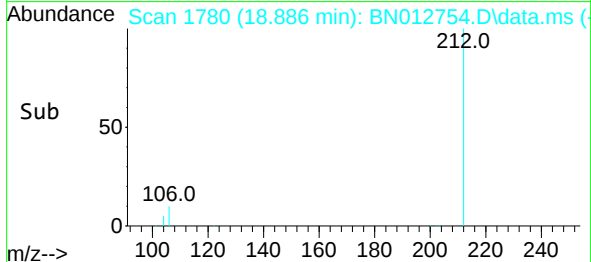
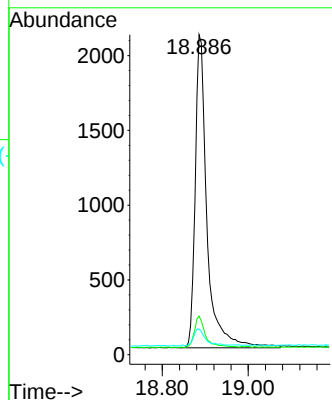
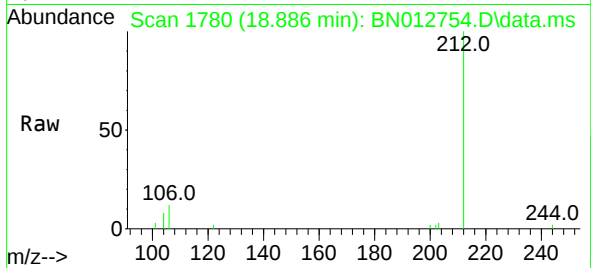




#27  
Fluoranthene-d10  
Concen: 0.30 ng  
RT: 18.886 min Scan# 1780  
Delta R.T. 0.002 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

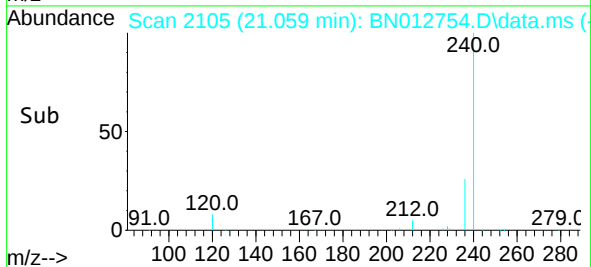
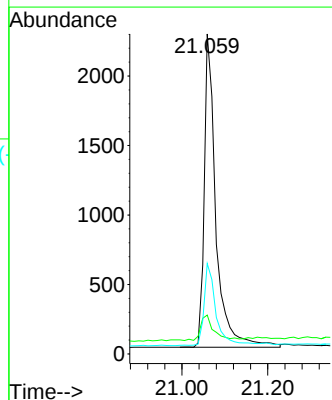
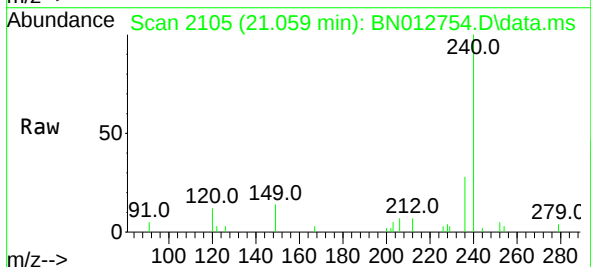
Instrument :  
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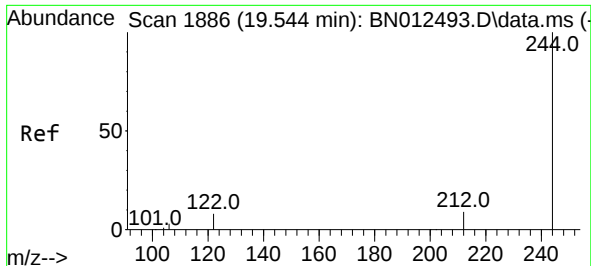
Tgt Ion:212 Resp: 3986  
Ion Ratio Lower Upper  
212 100  
106 9.8 6.8 10.2  
104 5.5 4.1 6.1



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.059 min Scan# 2105  
Delta R.T. 0.002 min  
Lab File: BN012754.D  
Acq: 27 Nov 2020 16:35

Tgt Ion:240 Resp: 4268  
Ion Ratio Lower Upper  
240 100  
120 12.2 5.3 7.9#  
236 28.3 21.8 32.8

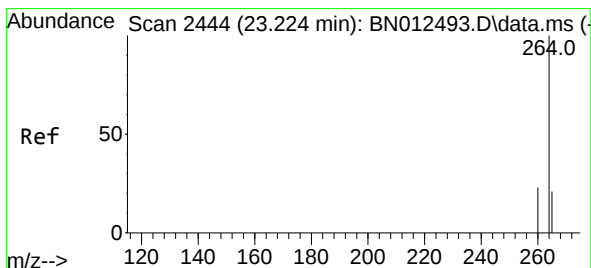
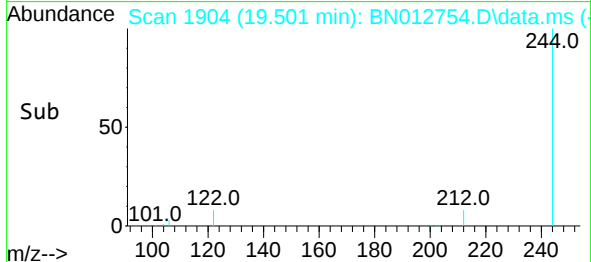
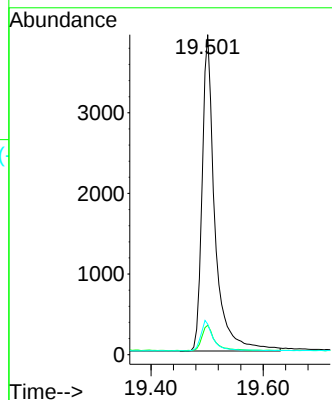
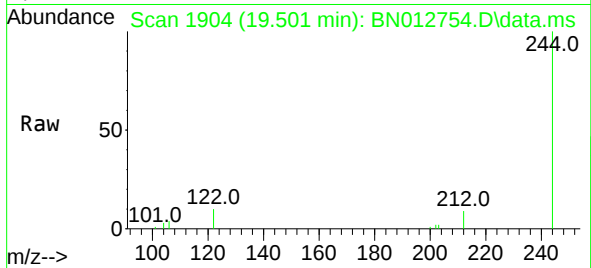




#31  
 Terphenyl-d14  
 Concen: 0.61 ng  
 RT: 19.501 min Scan# 1904  
 Delta R.T. 0.002 min  
 Lab File: BN012754.D  
 Acq: 27 Nov 2020 16:35

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB133253BL

Tgt Ion:244 Resp: 6231  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.3 10.9  
 122 9.6 7.3 10.9



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.174 min Scan# 2456  
 Delta R.T. 0.006 min  
 Lab File: BN012754.D  
 Acq: 27 Nov 2020 16:35

Tgt Ion:264 Resp: 4443  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 19.8 29.6  
 265 78.0 51.4 77.0#

