

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020821\  
 Data File : BN013600.D  
 Acq On : 08 Feb 2021 16:42  
 Operator : CG/JU  
 Sample : PB134418BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB134418BL

Quant Time: Feb 08 17:23:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN020821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 08 15:13:18 2021  
 Response via : Initial Calibration

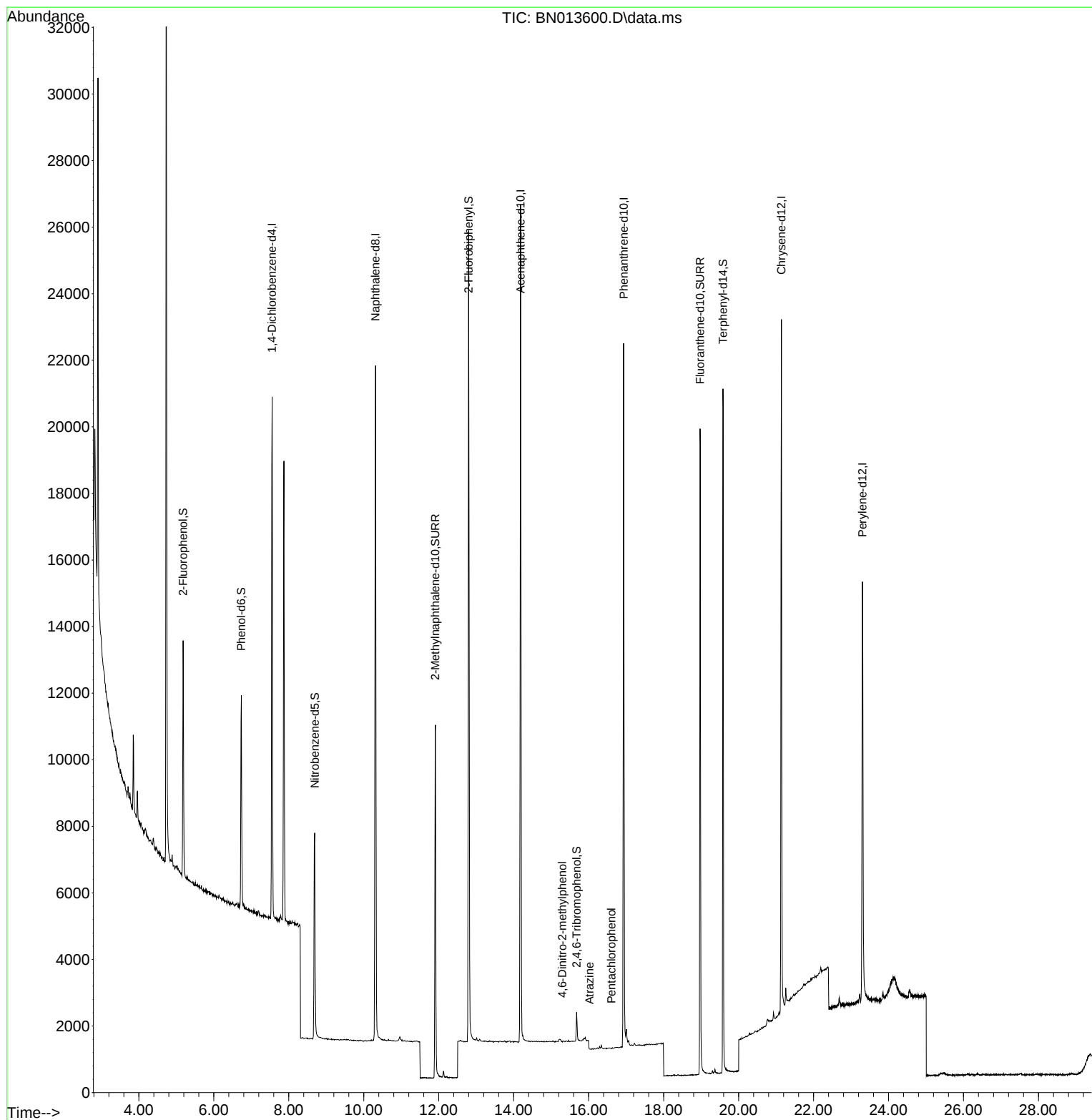
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.555  | 152  | 7599     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.315 | 136  | 28729    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.181 | 164  | 14649    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.933 | 188  | 28861    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.141 | 240  | 21054    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.305 | 264  | 18006    | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.180  | 112  | 5602     | 0.34 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.734  | 99   | 6276     | 0.31 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.693  | 82   | 5798     | 0.36 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.911 | 152  | 15031    | 0.34 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.679 | 330  | 694      | 0.17 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.798 | 172  | 21964    | 0.40 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.972 | 212  | 23651    | 0.30 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 22365    | 0.48 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.298 | 198  | 2        | 0.15 | ng    | # 1      |
| 23) Atrazine                  | 16.021 | 200  | 276      | 0.03 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.605 | 266  | 4        | 0.20 | ng    | # 48     |
| -----                         |        |      |          |      |       |          |

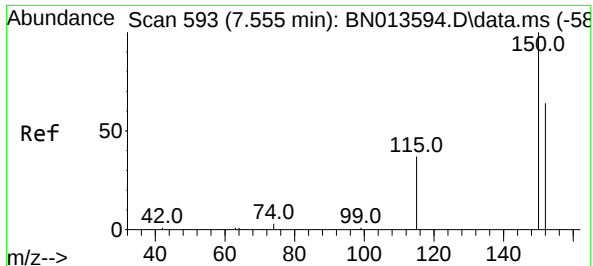
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020821\  
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ALS Vial : 10 Sample Multiplier: 1

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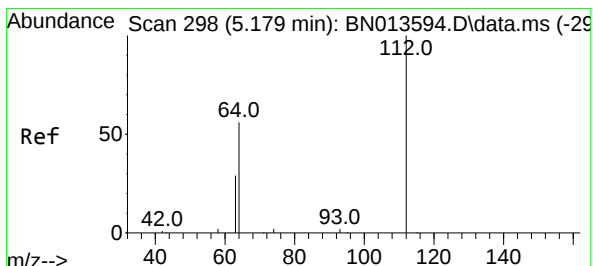
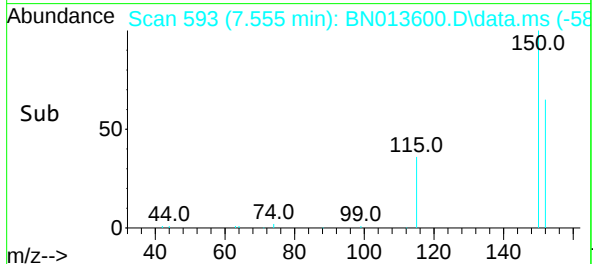
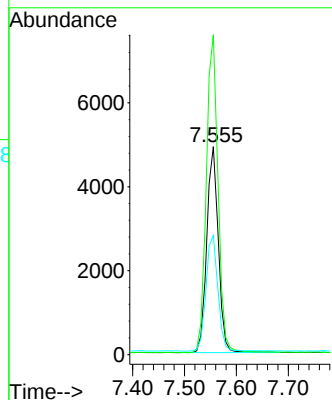
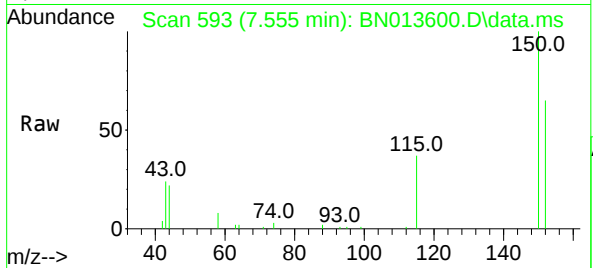




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.555 min Scan# 593  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

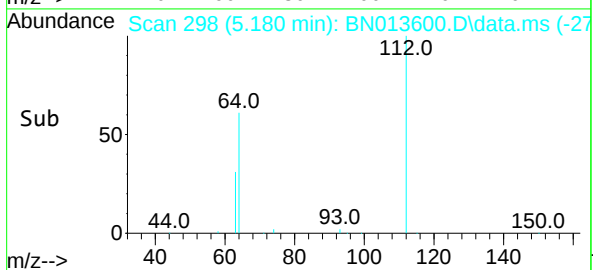
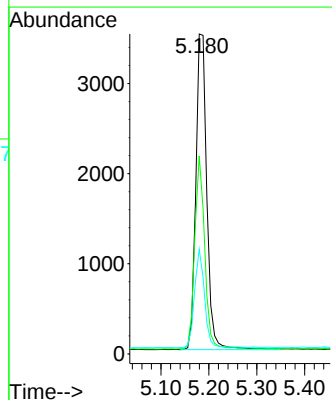
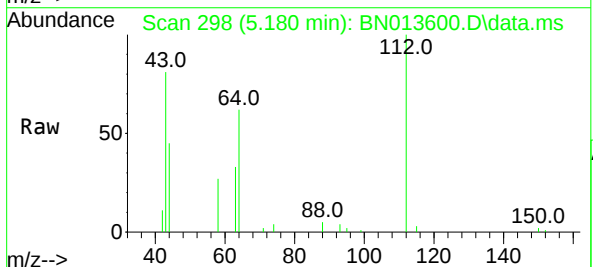
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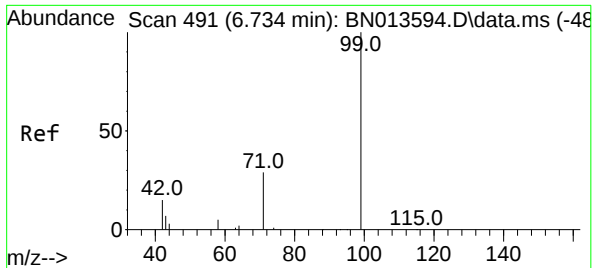
Tgt Ion:152 Resp: 7599  
Ion Ratio Lower Upper  
152 100  
150 153.8 121.8 182.8  
115 57.3 46.6 69.8



#4  
2-Fluorophenol  
Concen: 0.34 ng  
RT: 5.180 min Scan# 298  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

Tgt Ion:112 Resp: 5602  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.3 66.5  
63 28.6 23.0 34.6

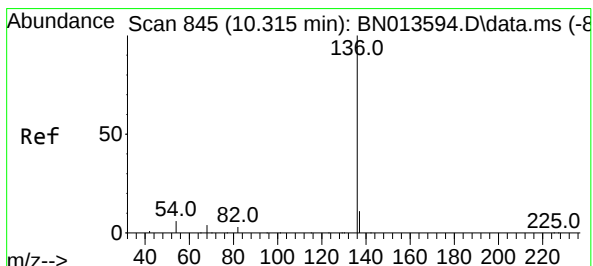
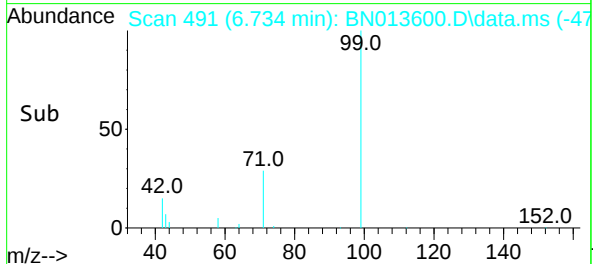
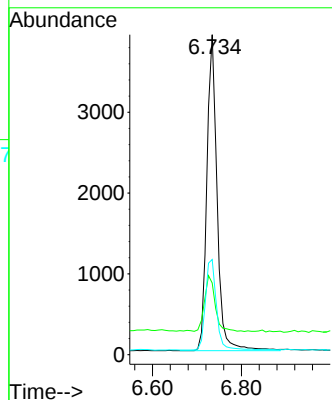
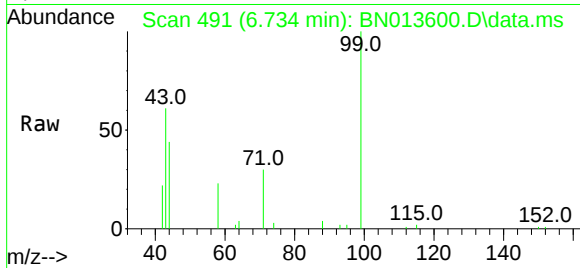




#5  
Phenol-d6  
Concen: 0.31 ng  
RT: 6.734 min Scan# 491  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

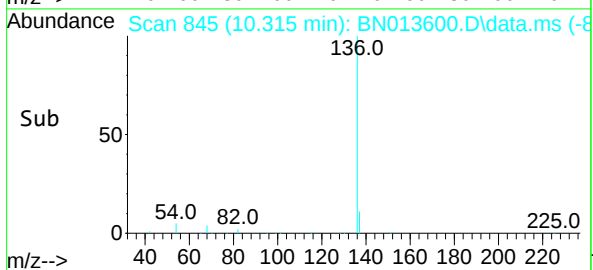
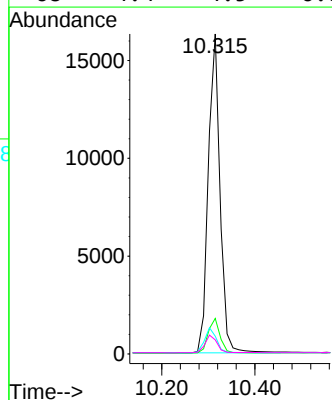
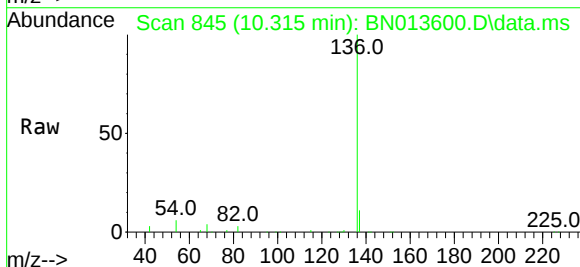
Instrument :  
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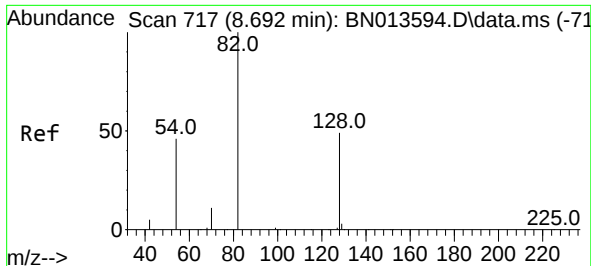
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6276  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.5  | 15.2  | 22.8  |
| 71       | 30.8  | 26.1  | 39.1  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.315 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 28729 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 9.0   | 13.6  |
| 54       | 5.6   | 6.4   | 9.6#  |
| 68       | 4.4   | 4.5   | 6.7#  |

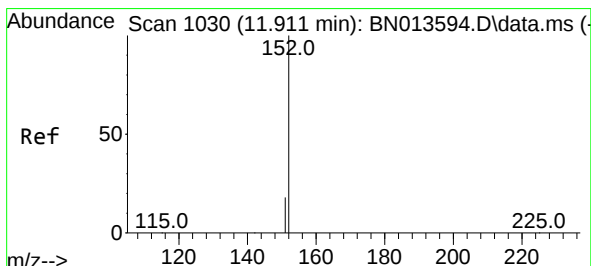
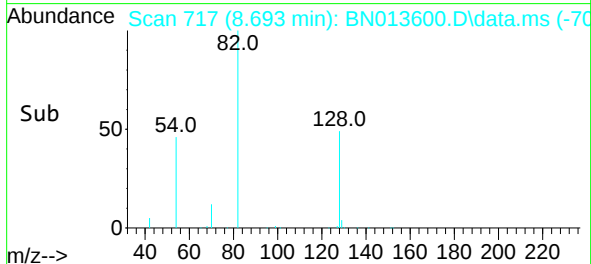
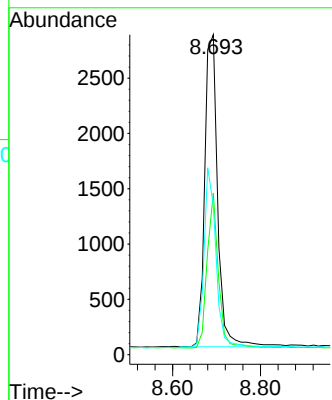
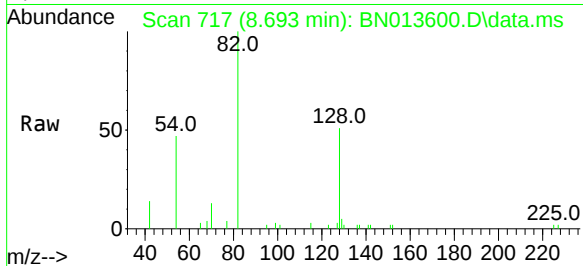




#8  
Nitrobenzene-d5  
Concen: 0.36 ng  
RT: 8.693 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

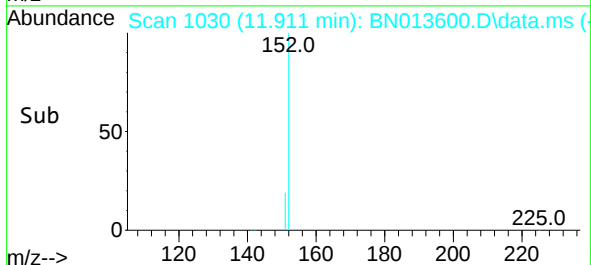
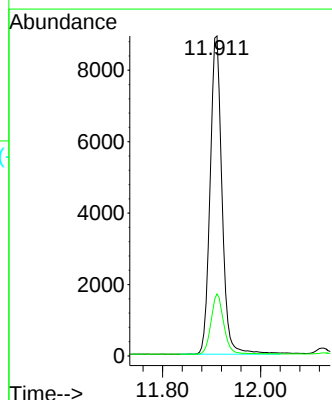
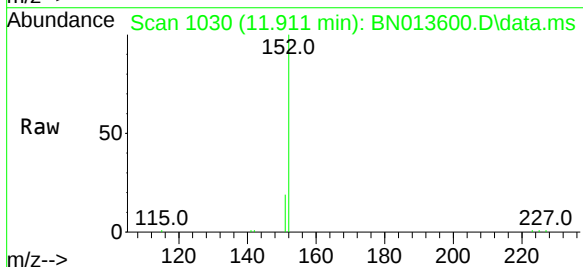
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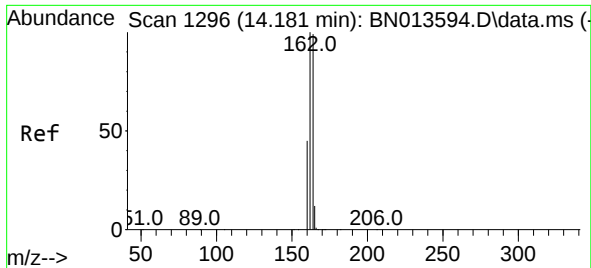
Tgt Ion: 82 Resp: 5798  
Ion Ratio Lower Upper  
82 100  
128 50.5 39.2 58.8  
54 46.6 40.1 60.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.34 ng  
RT: 11.911 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

Tgt Ion: 152 Resp: 15031  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2

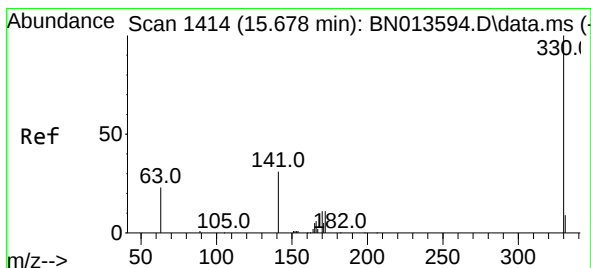
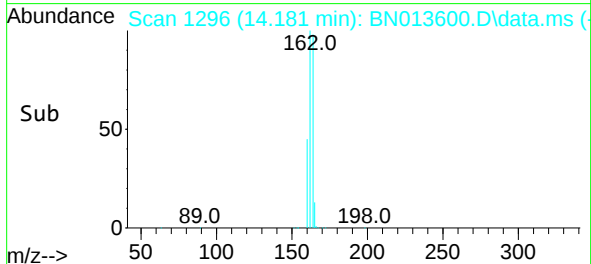
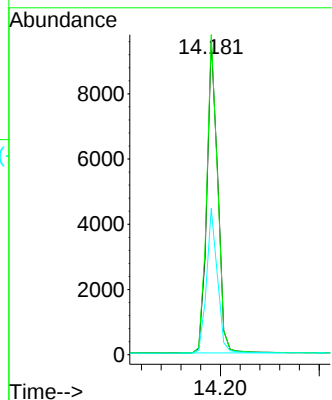
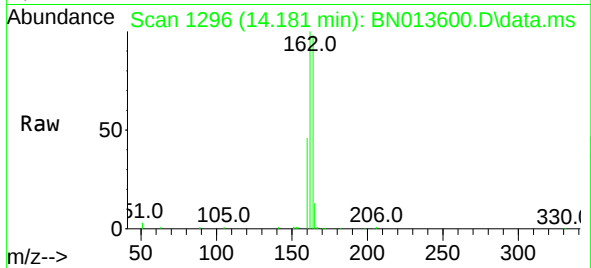




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.181 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

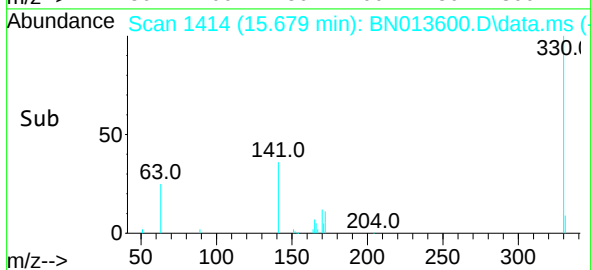
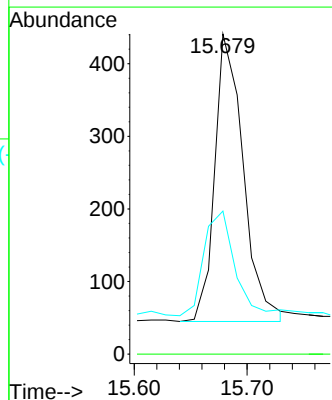
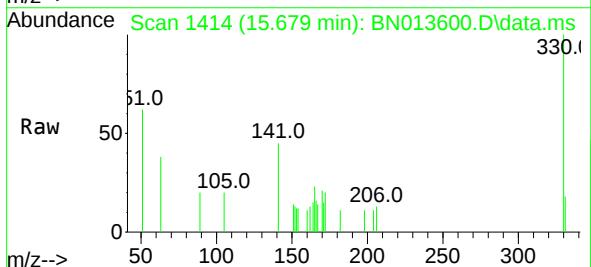
Instrument :  
BNA\_N  
ClientSampleId :  
PB134418BL

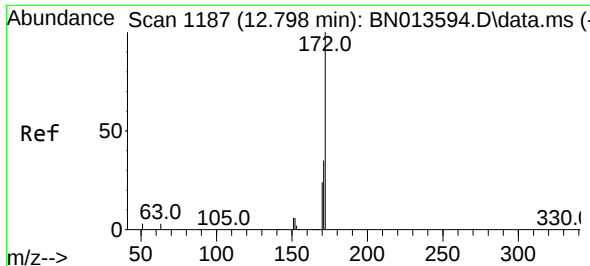
Tgt Ion:164 Resp: 14649  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.6 119.4  
160 46.5 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.17 ng  
RT: 15.679 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

Tgt Ion:330 Resp: 694  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.8 26.8 40.2

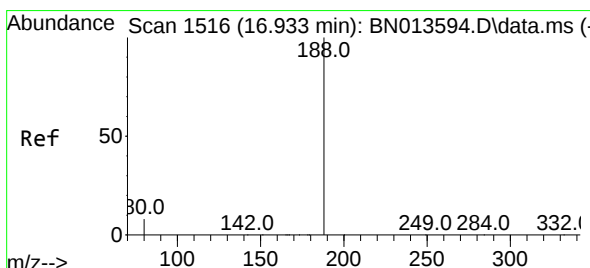
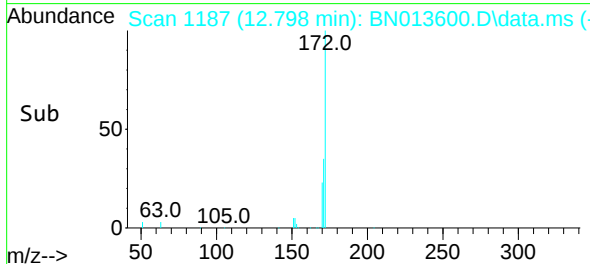
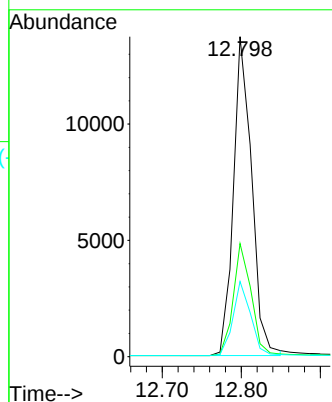
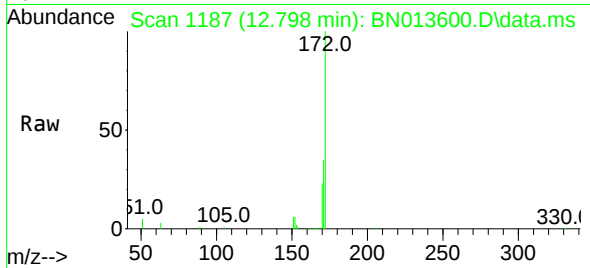




#15  
2-Fluorobiphenyl  
Concen: 0.40 ng  
RT: 12.798 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

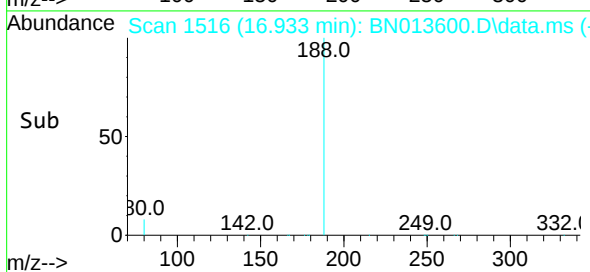
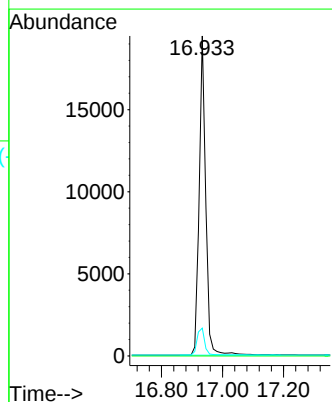
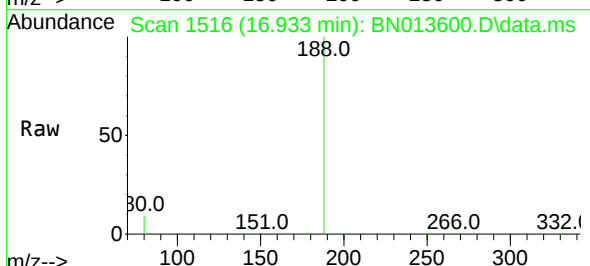
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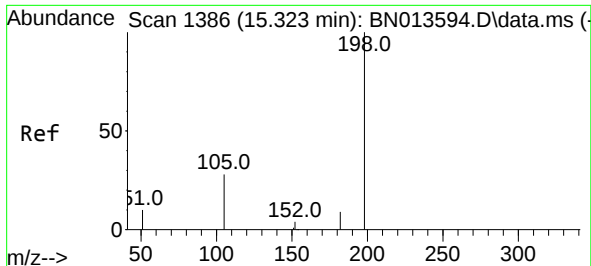
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| Tgt Ion:  | 172   | Resp: | 21964 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.4  | 28.6  | 42.8  |
| 170       | 23.5  | 18.9  | 28.3  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.933 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 28861 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 8.7   | 9.0   | 13.6  |

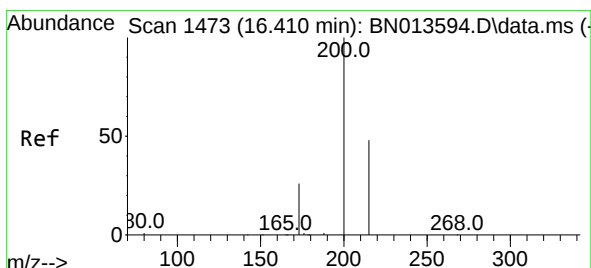
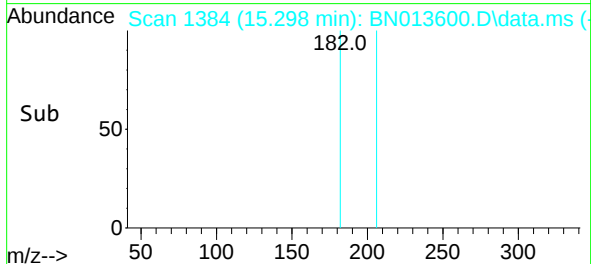
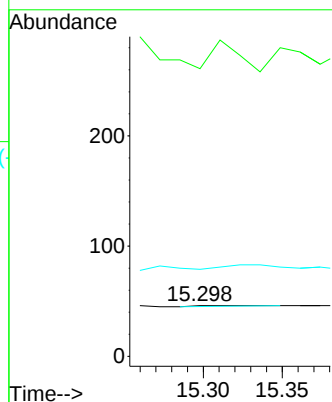
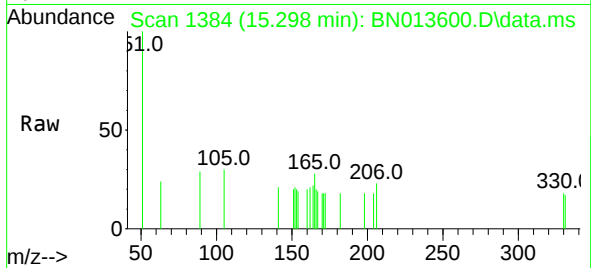




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.15 ng  
RT: 15.298 min Scan# 1384  
Delta R.T. -0.025 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

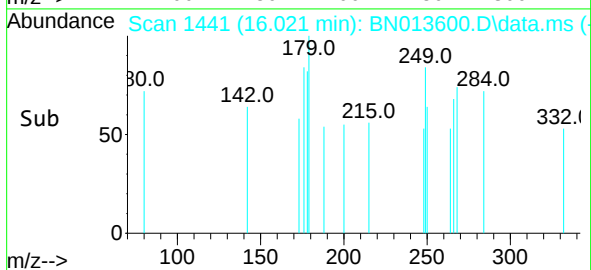
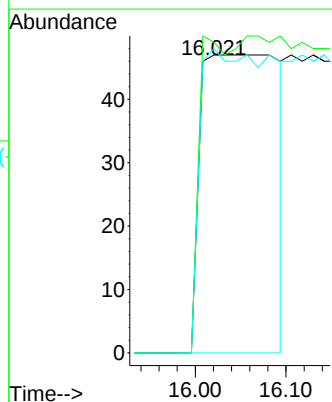
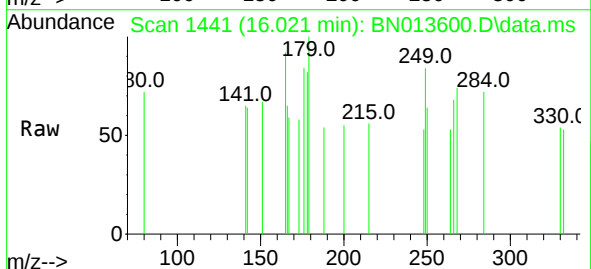
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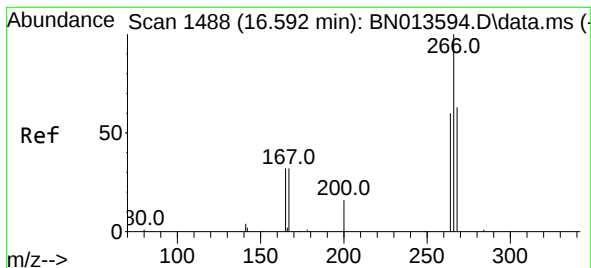
Tgt Ion:198 Resp: 2  
Ion Ratio Lower Upper  
198 100  
51 567.4 61.7 92.5#  
105 171.7 33.0 49.6#



#23  
Atrazine  
Concen: 0.03 ng  
RT: 16.021 min Scan# 1441  
Delta R.T. -0.389 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

Tgt Ion:200 Resp: 276  
Ion Ratio Lower Upper  
200 100  
173 104.3 18.6 28.0#  
215 102.1 41.0 61.6#

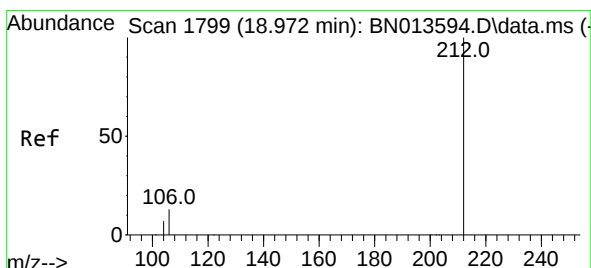
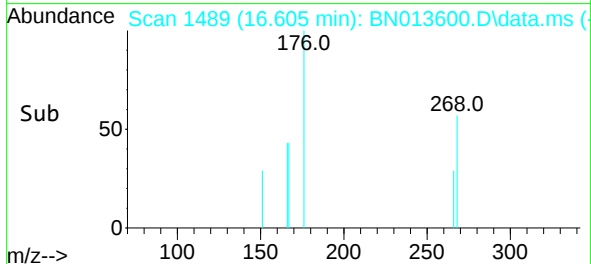
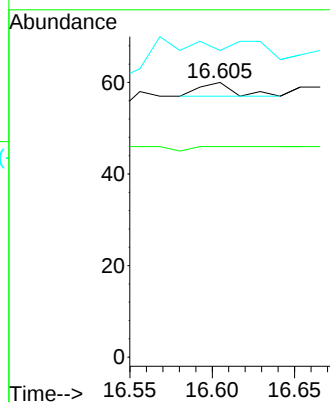
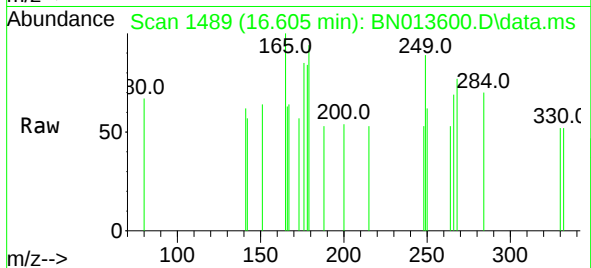




#24  
Pentachlorophenol  
Concen: 0.20 ng  
RT: 16.605 min Scan# 1489  
Delta R.T. 0.013 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

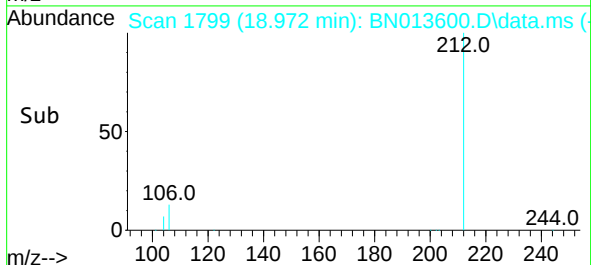
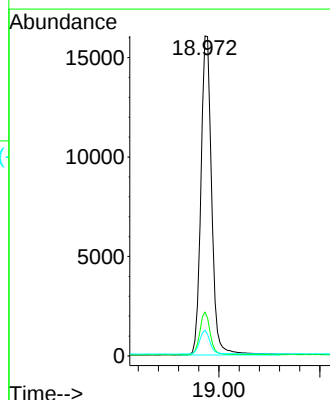
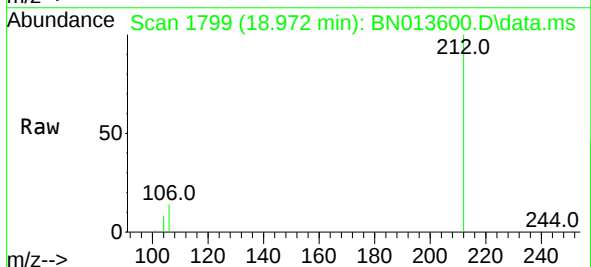
Instrument :  
BNA\_N  
ClientSampleId :  
PB134418BL

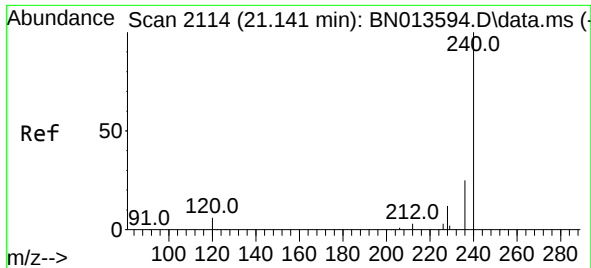
Tgt Ion:266 Resp: 4  
Ion Ratio Lower Upper  
266 100  
264 50.0 51.6 77.4#  
268 0.0 54.6 82.0#



#27  
Fluoranthene-d10  
Concen: 0.30 ng  
RT: 18.972 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

Tgt Ion:212 Resp: 23651  
Ion Ratio Lower Upper  
212 100  
106 12.9 9.7 14.5  
104 7.1 5.5 8.3

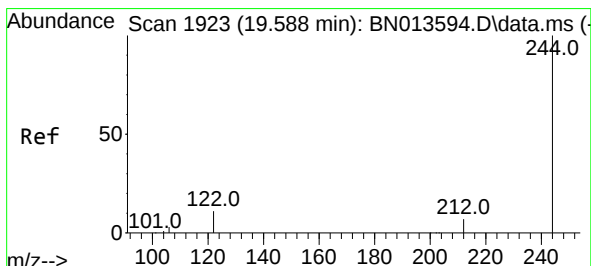
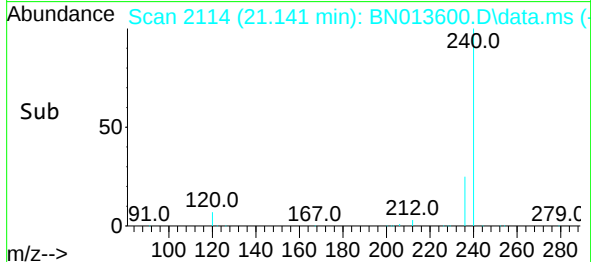
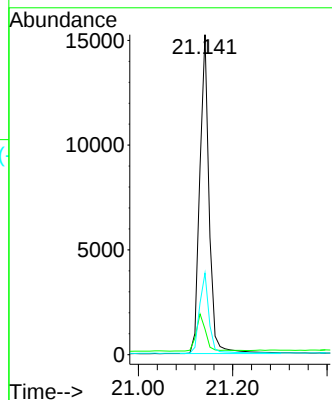
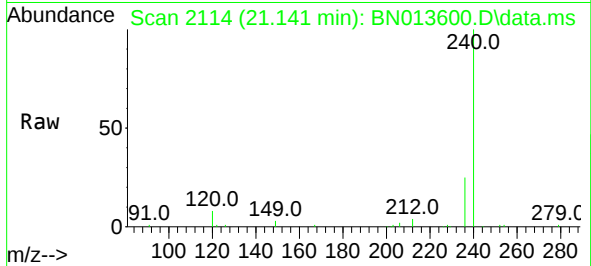




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.141 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

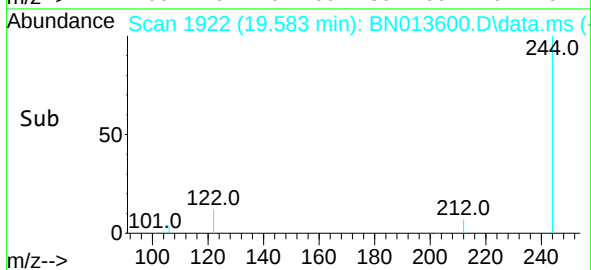
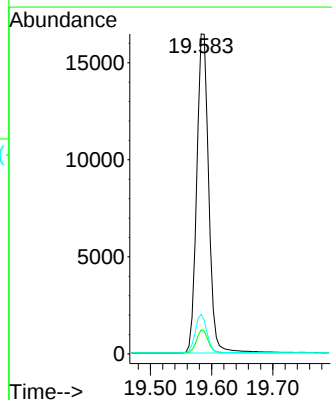
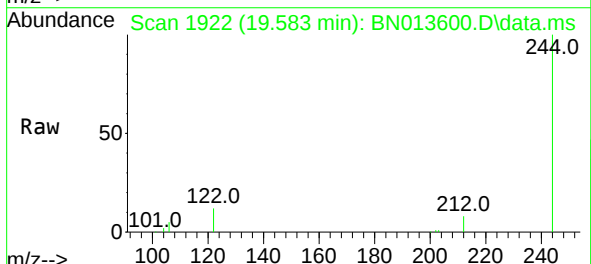
Instrument :  
BNA\_N  
ClientSampleId :  
PB134418BL

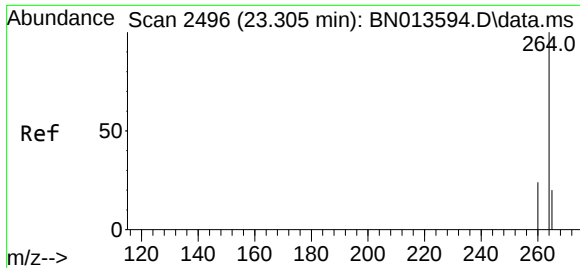
Tgt Ion:240 Resp: 21054  
Ion Ratio Lower Upper  
240 100  
120 8.0 10.2 15.4#  
236 25.5 21.3 31.9



#31  
Terphenyl-d14  
Concen: 0.48 ng  
RT: 19.583 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BN013600.D  
Acq: 08 Feb 2021 16:42

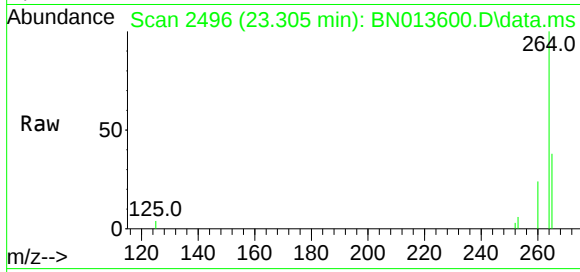
Tgt Ion:244 Resp: 22365  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 12.3 9.8 14.8





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.305 min Scan# 2496  
 Delta R.T. 0.000 min  
 Lab File: BN013600.D  
 Acq: 08 Feb 2021 16:42

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB134418BL



Tgt Ion:264 Resp: 18006  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.3 28.9  
 265 37.8 66.2 99.4#

