

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110920\  
 Data File : BN012523.D  
 Acq On : 09 Nov 2020 21:08  
 Operator : CG/JU  
 Sample : L4627-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB178-GW-58-60

Quant Time: Nov 10 04:02:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 05:46:47 2020  
 Response via : Initial Calibration

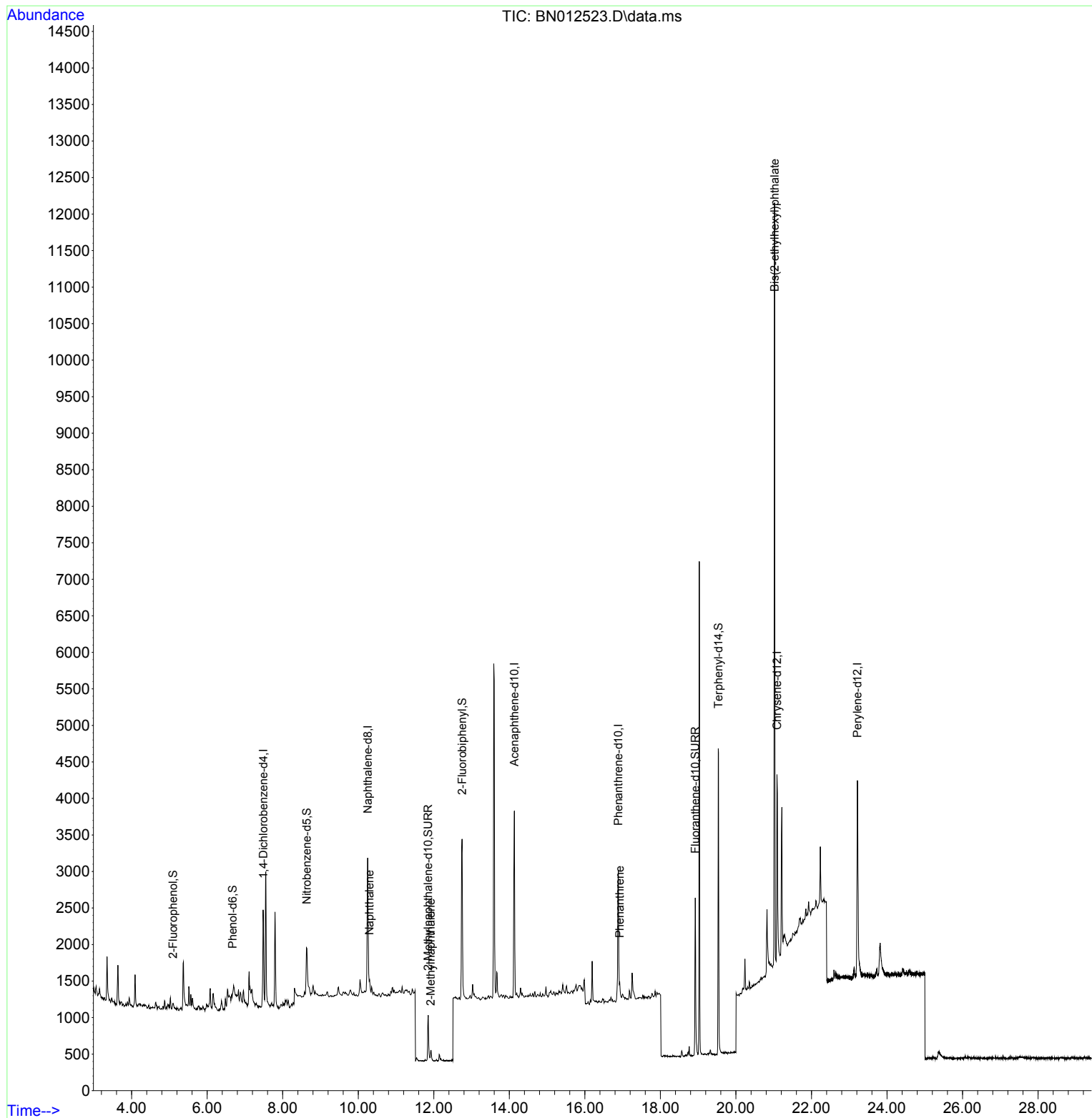
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.489  | 152  | 627      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.250 | 136  | 2634     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.133 | 164  | 1455     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.887 | 188  | 2979     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.087 | 240  | 3287     | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.219 | 264  | 3745     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.097  | 112  | 60       | 0.03 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.676  | 99   | 172      | 0.07 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.640  | 82   | 779      | 0.25 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.851 | 152  | 985      | 0.23 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.642 | 330  | 13       | 0.01 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.750 | 172  | 2226     | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.922 | 212  | 2853     | 0.31 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.537 | 244  | 4561     | 0.58 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.300 | 128  | 201      | 0.03 | ng    | # 32     |
| 12) 2-Methylnaphthalene       | 11.922 | 142  | 107      | 0.02 | ng    | # 64     |
| 25) Phenanthrene              | 16.923 | 178  | 180      | 0.02 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.024 | 149  | 8839     | 1.25 | ng    | # 90     |
| -----                         |        |      |          |      |       |          |

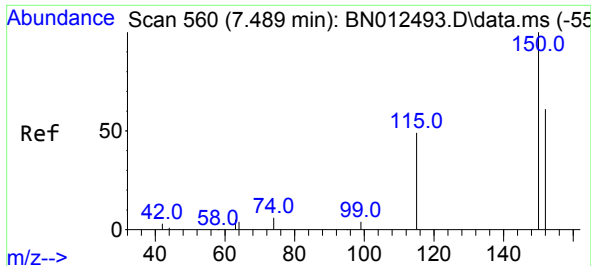
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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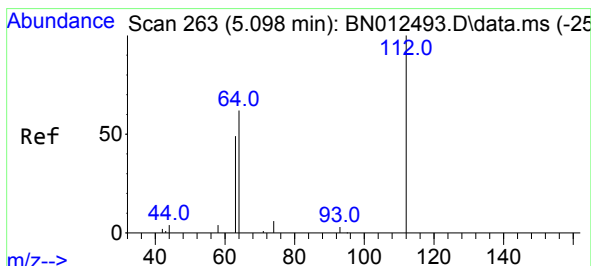
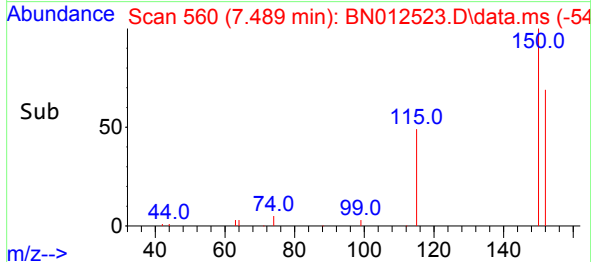
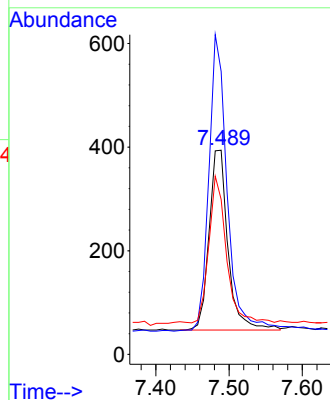
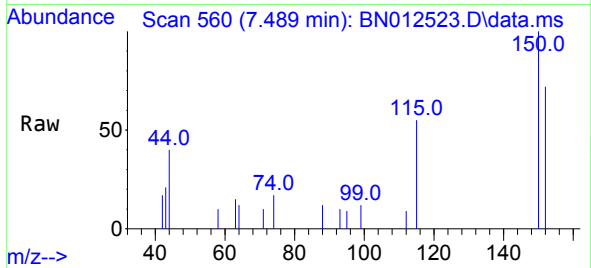




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.489 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

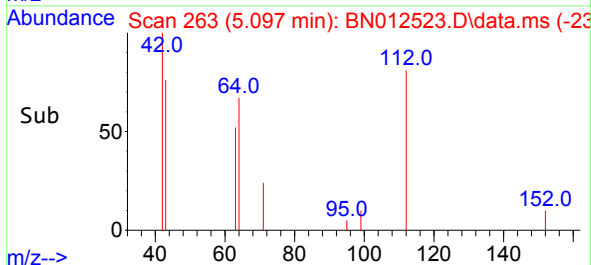
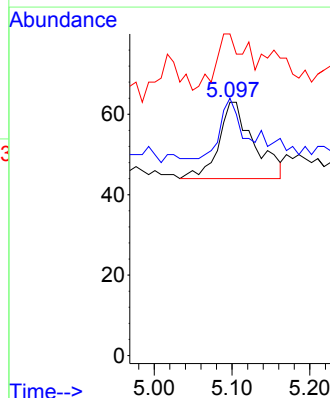
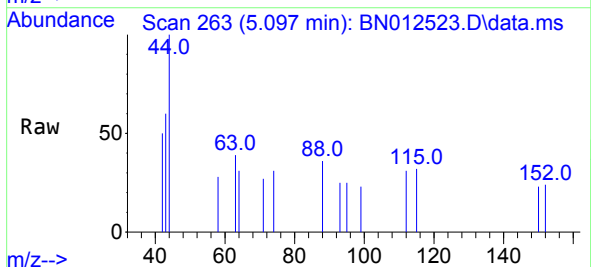
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

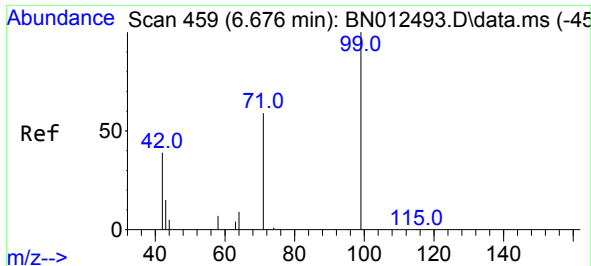
Tgt Ion:152 Resp: 627  
Ion Ratio Lower Upper  
152 100  
150 138.6 116.6 174.8  
115 75.9 52.9 79.3



#4  
2-Fluorophenol  
Concen: 0.03 ng  
RT: 5.097 min Scan# 263  
Delta R.T. -0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Tgt Ion:112 Resp: 60  
Ion Ratio Lower Upper  
112 100  
64 48.3 49.5 74.3#  
63 55.0 32.0 48.0#

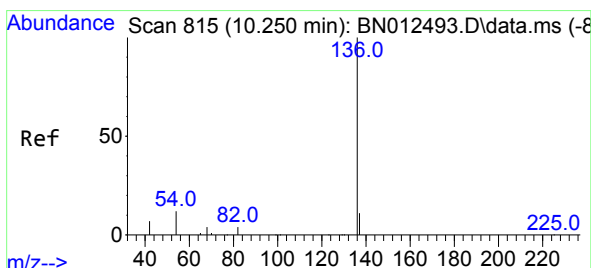
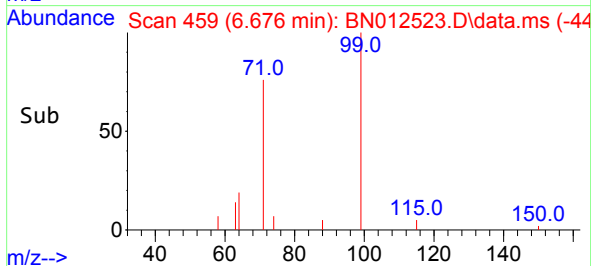
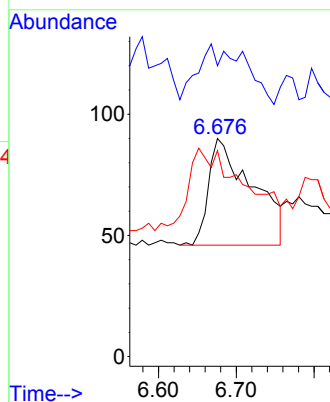
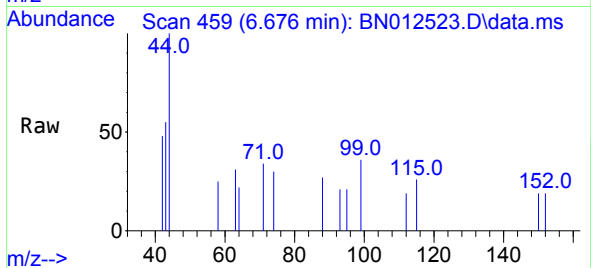




#5  
Phenol-d6  
Concen: 0.07 ng  
RT: 6.676 min Scan# 459  
Delta R.T. -0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

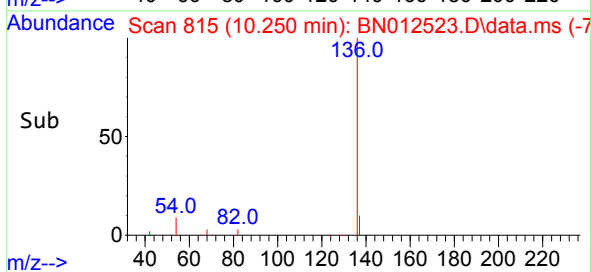
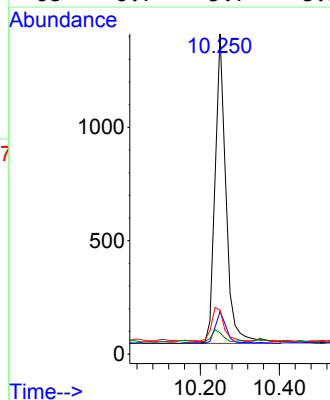
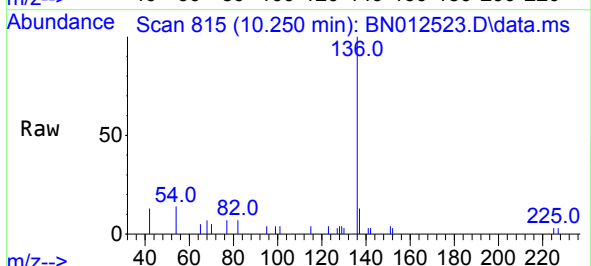
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 172   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.3  | 22.4  | 33.6  |
| 71       | 0.0   | 37.8  | 56.6# |

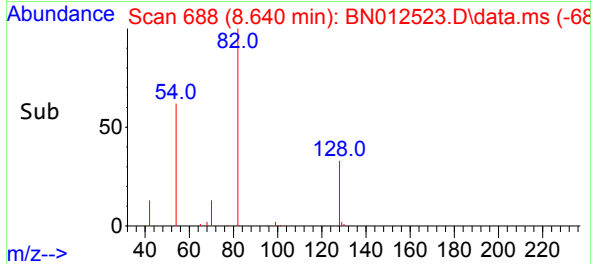
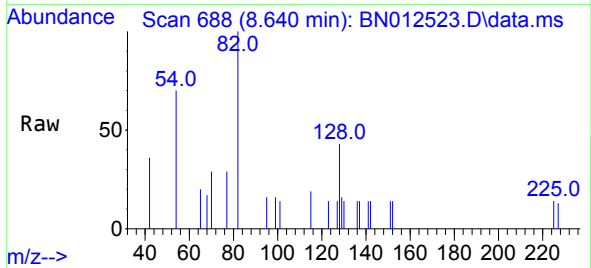
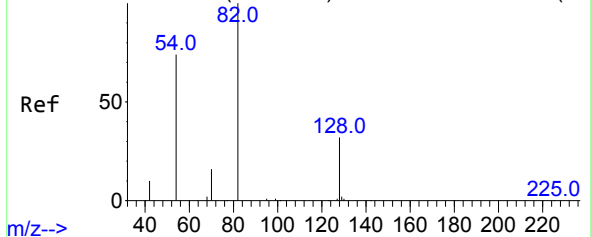


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.250 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2634  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.3  | 10.6  | 15.8  |
| 54       | 13.7  | 8.6   | 12.8# |
| 68       | 6.7   | 5.7   | 8.5   |

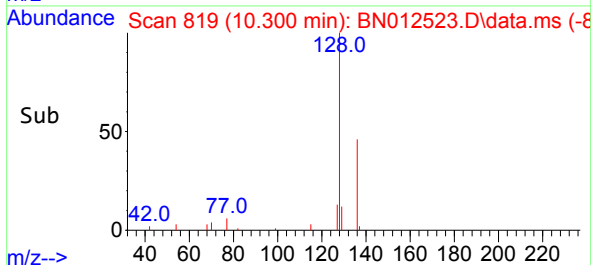
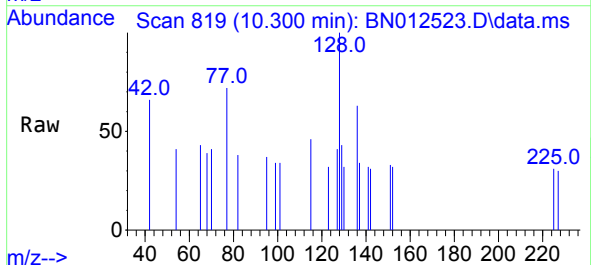
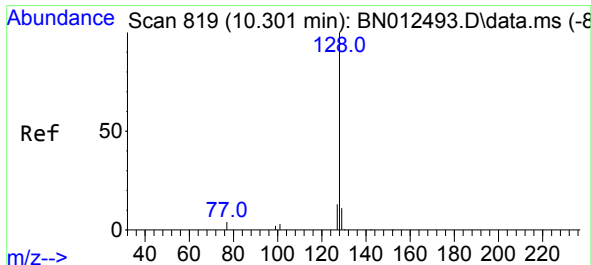
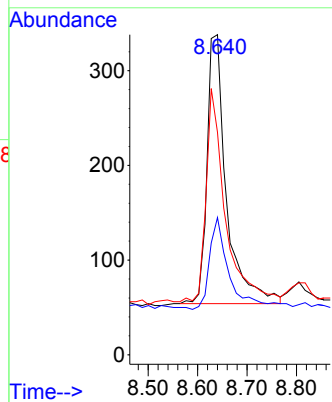


Abundance Scan 688 (8.640 min): BN012493.D\data.ms (-68



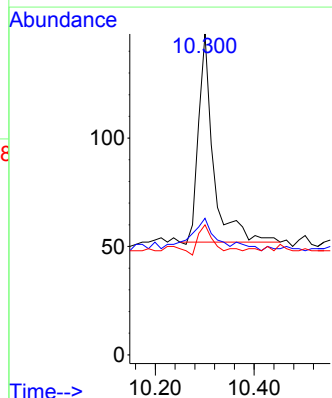
#8  
Nitrobenzene-d5  
Concen: 0.25 ng  
RT: 8.640 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 779   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.9  | 30.6  | 46.0  |
| 54       | 69.5  | 48.3  | 72.5  |

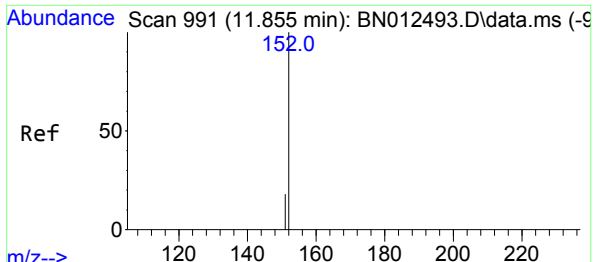


#9  
Naphthalene  
Concen: 0.03 ng  
RT: 10.300 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 201   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 42.6  | 9.8   | 14.8# |
| 127      | 40.5  | 12.2  | 18.4# |



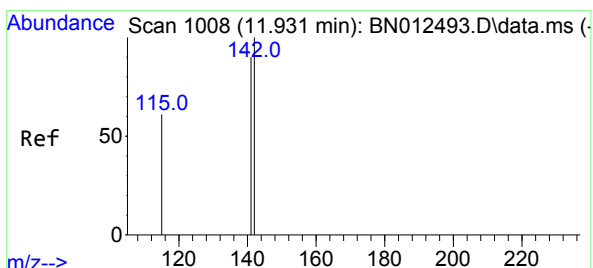
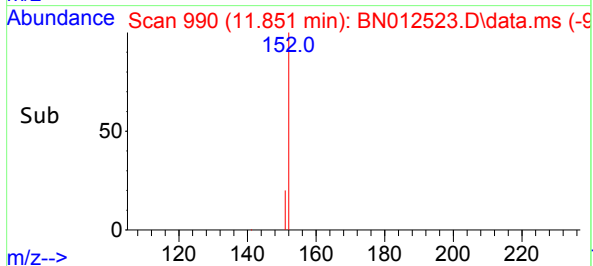
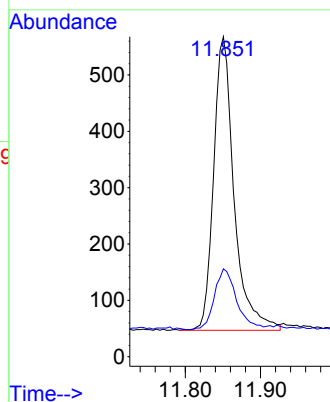
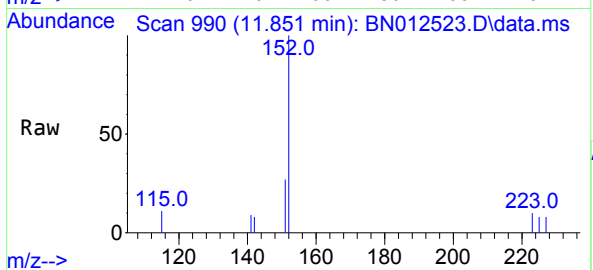
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60



#11  
2-Methylnaphthalene-d10  
Concen: 0.23 ng  
RT: 11.851 min Scan# 990  
Delta R.T. -0.005 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

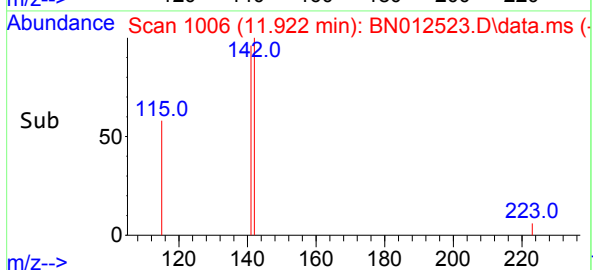
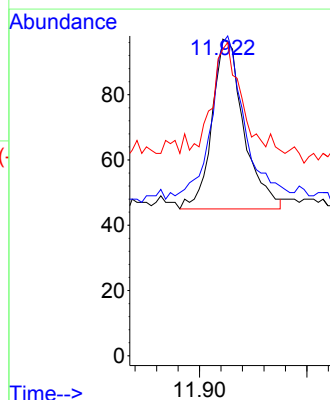
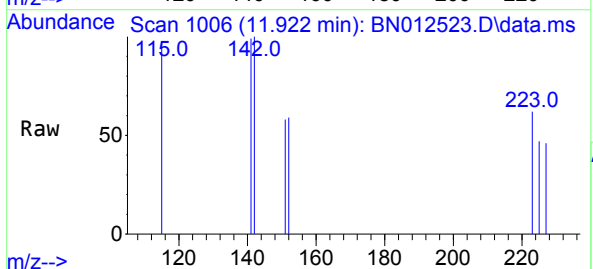
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

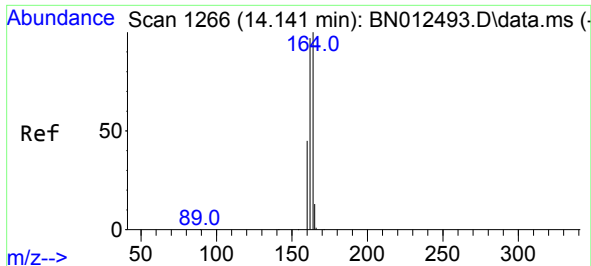
Tgt Ion:152 Resp: 985  
Ion Ratio Lower Upper  
152 100  
151 22.6 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.02 ng  
RT: 11.922 min Scan# 1006  
Delta R.T. -0.009 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Tgt Ion:142 Resp: 107  
Ion Ratio Lower Upper  
142 100  
141 99.0 69.4 104.2  
115 96.9 35.7 53.5#



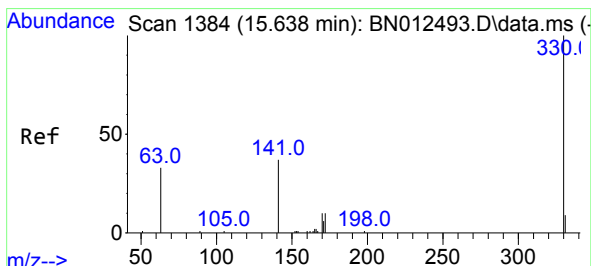
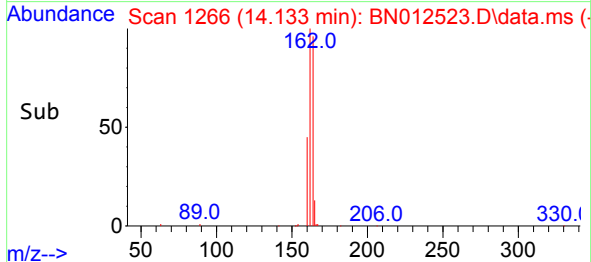
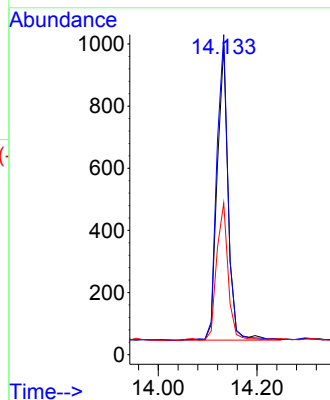
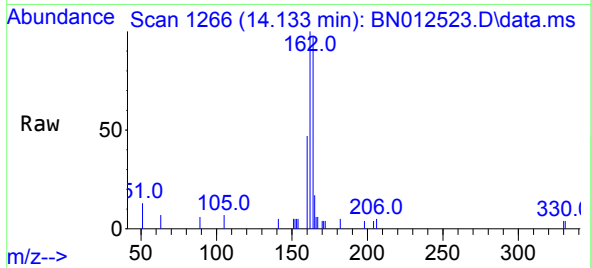


#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.133 min Scan# 1266  
Delta R.T. -0.008 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

Tgt Ion:164 Resp: 1455

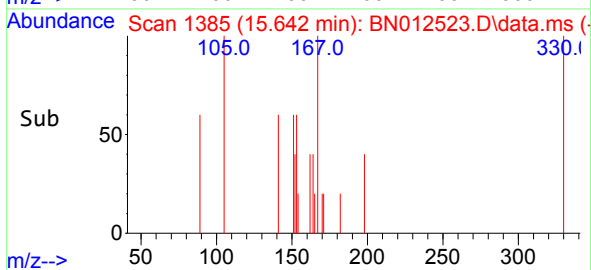
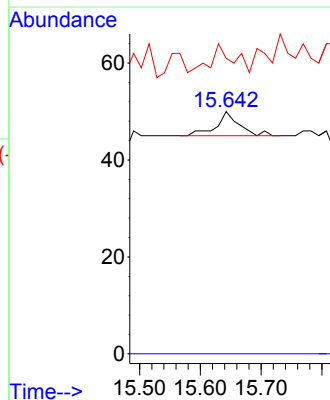
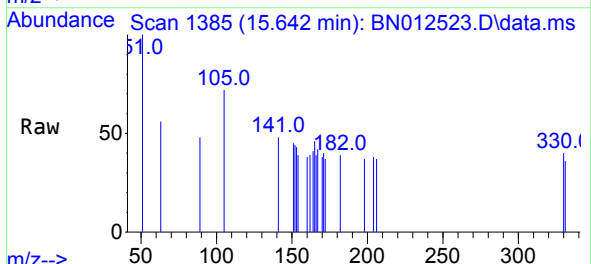
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.4 | 80.6  | 120.8 |
| 160 | 49.0  | 39.5  | 59.3  |

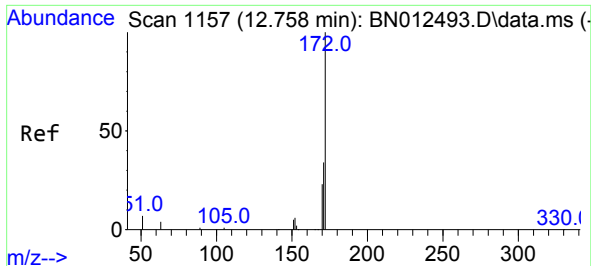


#14  
2,4,6-Tribromophenol  
Concen: 0.01 ng  
RT: 15.642 min Scan# 1385  
Delta R.T. 0.004 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Tgt Ion:330 Resp: 13

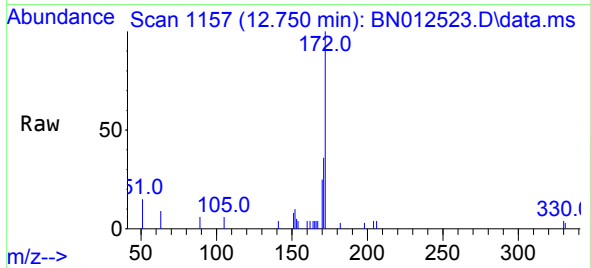
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 53.8  | 34.4  | 51.6  |



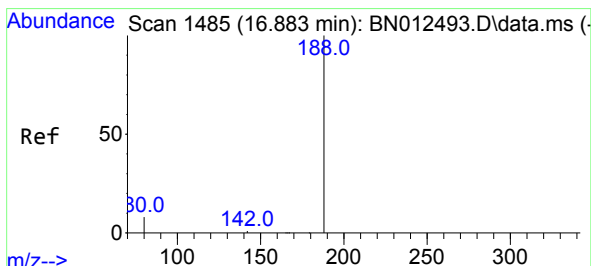
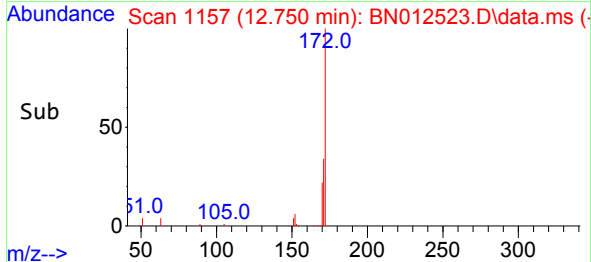
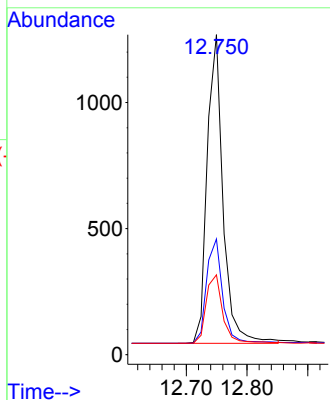


#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.750 min Scan# 1157  
Delta R.T. -0.008 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

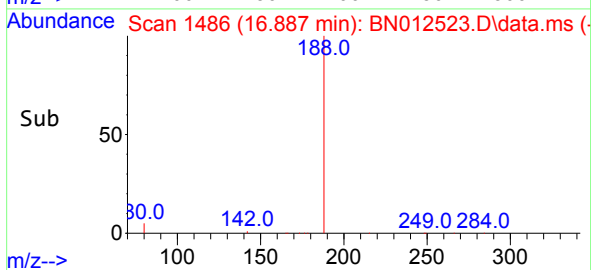
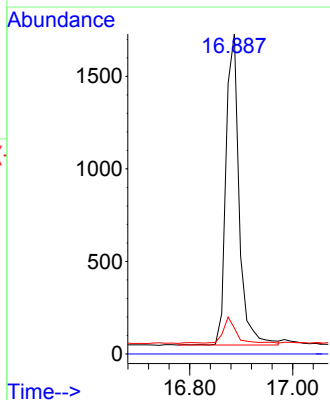
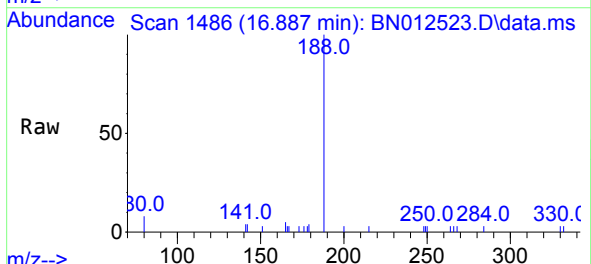


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 2226  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.2  | 28.2  | 42.4  |
| 170      | 25.0  | 20.0  | 30.0  |

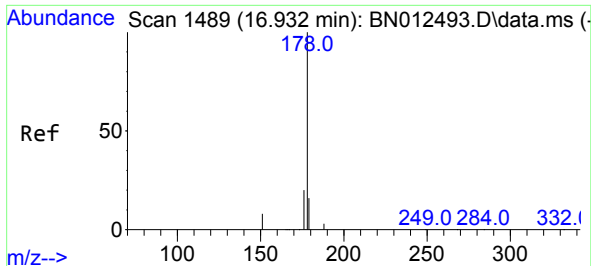


#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.887 min Scan# 1486  
Delta R.T. 0.004 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 2979  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 8.1   | 5.0   | 7.4   |



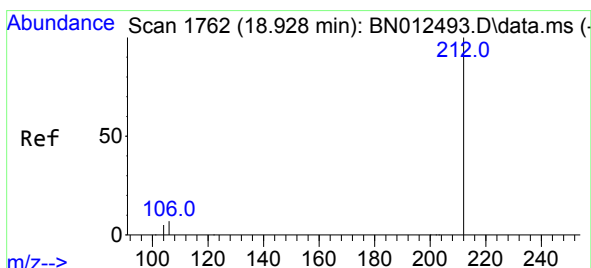
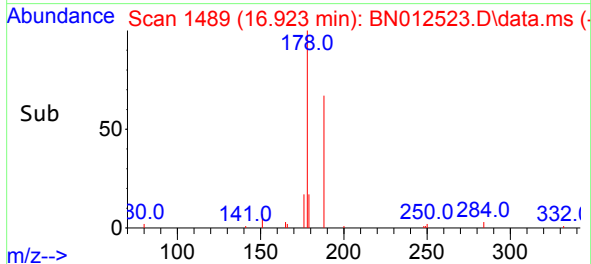
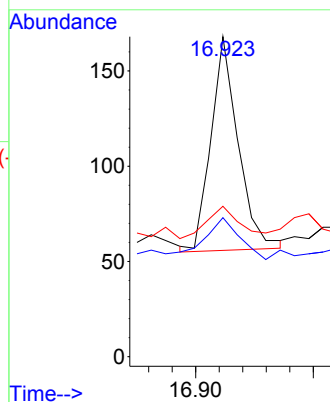
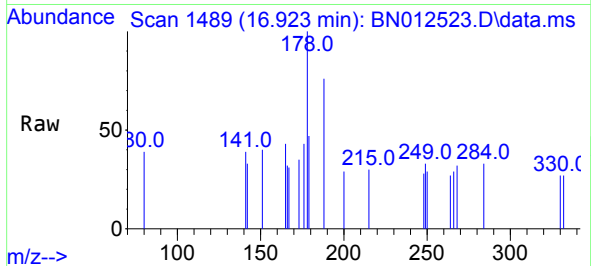




#25  
Phenanthrene  
Concen: 0.02 ng  
RT: 16.923 min Scan# 1489  
Delta R.T. -0.008 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

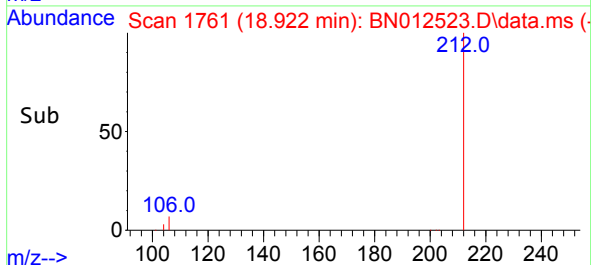
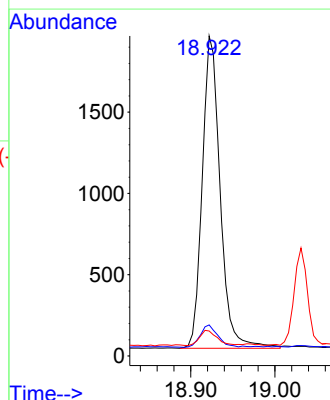
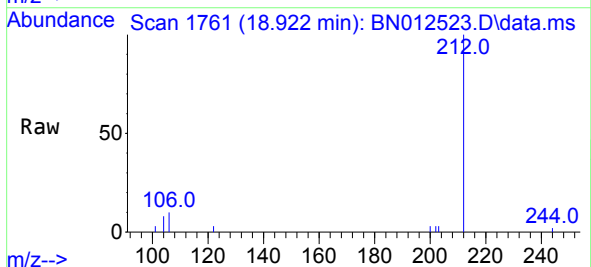
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

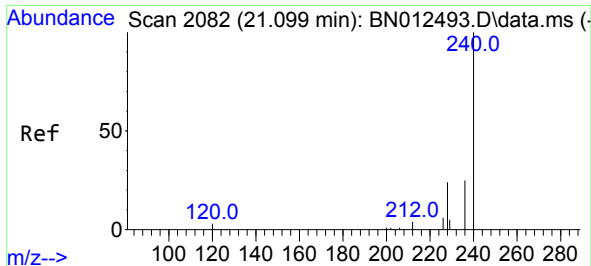
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:178 | Resp: | 180         |
| Ion         | Ratio | Lower Upper |
| 178         | 100   |             |
| 176         | 26.1  | 14.8 22.2#  |
| 179         | 18.9  | 12.4 18.6#  |



#27  
Fluoranthene-d10  
Concen: 0.31 ng  
RT: 18.922 min Scan# 1761  
Delta R.T. -0.006 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:212 | Resp: | 2853        |
| Ion         | Ratio | Lower Upper |
| 212         | 100   |             |
| 106         | 7.0   | 6.8 10.2    |
| 104         | 4.7   | 4.1 6.1     |

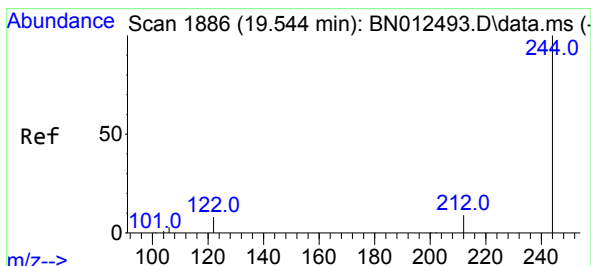
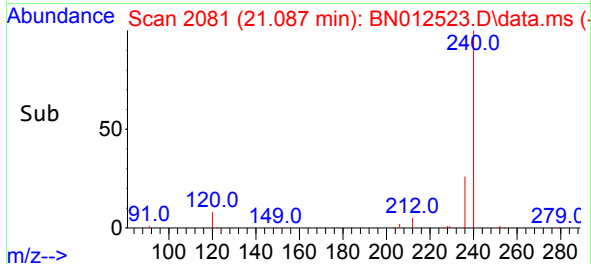
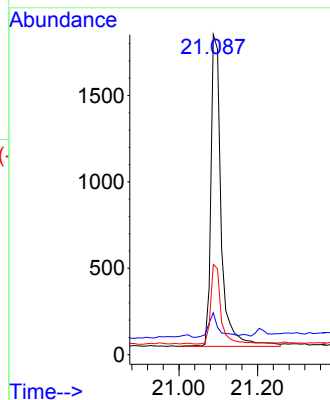
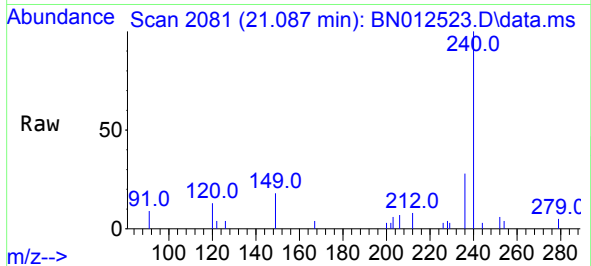




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.087 min Scan# 2081  
Delta R.T. -0.012 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

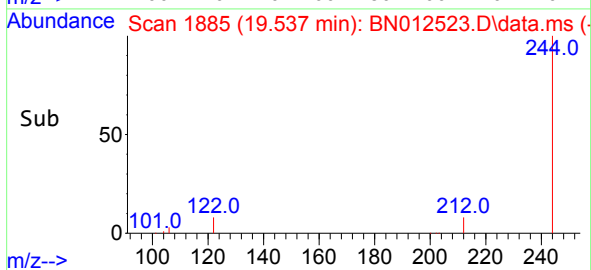
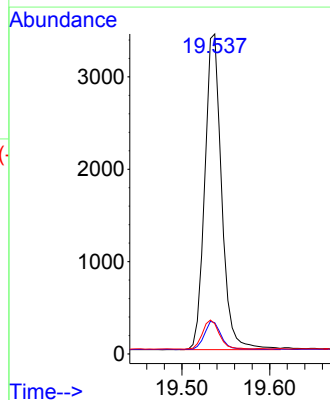
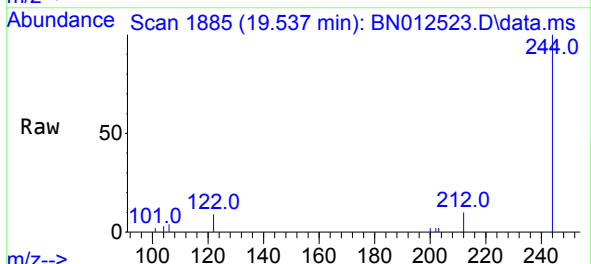
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

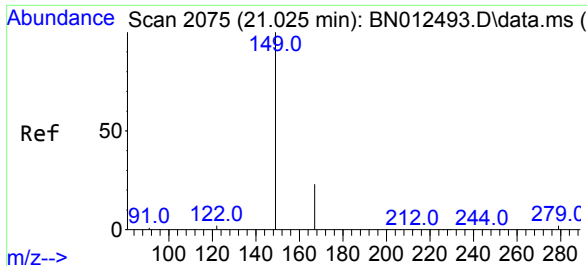
Tgt Ion:240 Resp: 3287  
Ion Ratio Lower Upper  
240 100  
120 13.1 5.3 7.9#  
236 28.2 21.8 32.8



#31  
Terphenyl-d14  
Concen: 0.58 ng  
RT: 19.537 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Tgt Ion:244 Resp: 4561  
Ion Ratio Lower Upper  
244 100  
212 9.7 7.3 10.9  
122 9.5 7.3 10.9

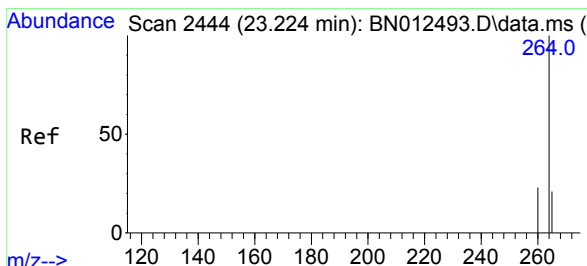
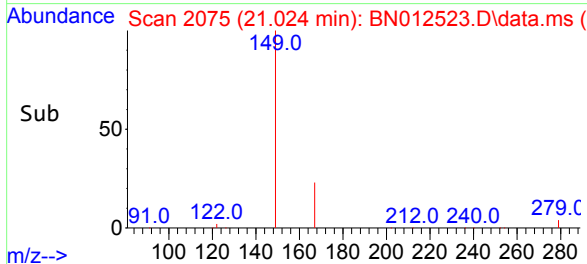
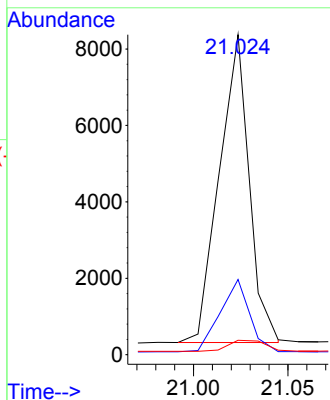
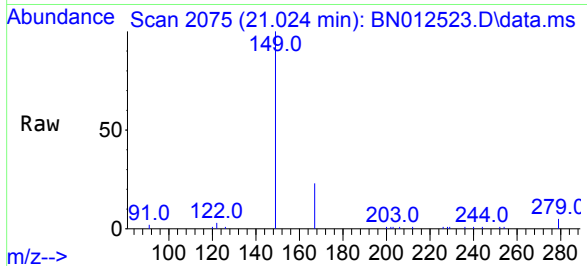




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 1.25 ng  
RT: 21.024 min Scan# 2075  
Delta R.T. -0.001 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB178-GW-58-60

Tgt Ion:149 Resp: 8839  
Ion Ratio Lower Upper  
149 100  
167 23.1 23.2 34.8#  
279 4.4 3.9 5.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.219 min Scan# 2443  
Delta R.T. -0.005 min  
Lab File: BN012523.D  
Acq: 09 Nov 2020 21:08

Tgt Ion:264 Resp: 3745  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.8 29.6  
265 63.9 51.4 77.0

